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A MONTHLY MAGAZINE DEVOTED TO

DYES CHEMICALS PHARMACEUTICALS API TEXTILE AUXILIARIES PAINTS SOLVENTS COSMETICS

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Disinfectants, Sanitizers, & Vehicle Care I&I Cleaning Chemicals Will See Healthy Growth Through 2026

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Archroma Releases Its Color Atlas Online Library for Open Access In Design Software for Fashion Apparel and Textiles

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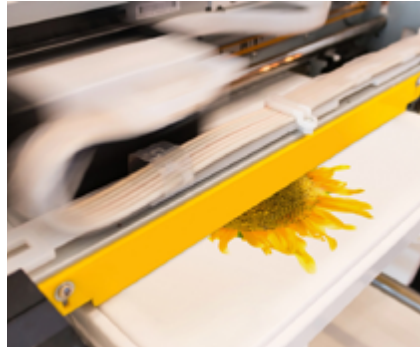
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5th International Dyestuff, Pigments, Textile Chemicals, Digital
Textile Printing, Dye and Technologies Exhibition



24-26 November 2022
Istanbul Expo Center

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FICCI Chemicals & Petrochemicals Industry Interaction and Launch of 12th edition of India Chem 2022

Chaired by **Dr Mansukh Mandaviya**, Hon'ble Union Minister of Health & Family Welfare, Chemicals & Fertilizers, GoI and **Shri Bhagwanth Khuba**, Hon'ble Minister of State for Chemicals & Fertilizers, New & Renewable Energy, GoI in presence of **Smt. Arti Ahuja**, Secretary, Department of Chemicals & Petrochemicals GoI, **Shri Susanta Kumar Purohit**, Joint Secretary, Department of Chemicals & Petrochemicals, GoI and representatives from Industry.



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**INDIA
PRIMACH 2022**

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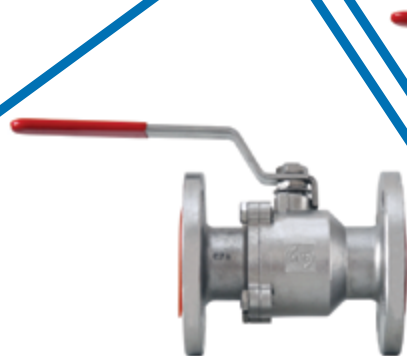
Additives | Adhesives & Sealants | Aerosols | Agro Chemicals | Antifreeze & Coolants | Automotives | Basic Chemicals | Catalysts | Cattlefeed | Ceramic | Construction Chemicals | Dyes & Pigments | Electroplating | Flavor Fragrance & Perfumery | Food & Nutrition | Foundry | Industrial Chemicals | Industrial Gases | Industrial Minerals | Inks & Printing | Intermediates | Leather Industry | Lubricants | Metal | Oils Refinery & Petrochemicals | Oleochemicals | Paints & Coatings | Paper Industry | Personal Care / Cosmetics | Pharmaceutical Intermediates | Pharmaceuticals & API | Plastics/Polymers | Refractories | Rubber & Resins | Soap & Detergents | Solar Industry | Solvents | Specialty Chemicals | Surfactants | Textile Industry | Water Treatment

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Bromo Benzene

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CPhI - Informa Group

No	Exhibitions	Date	Place
1	CPhI North America	May 17-19, 2022	PHL
2	CPhI Worldwide Germany	Nov 1-3, 2022	Messe Frankfurt, Germany
3	CPhI Middle East & Africa	Apr 28, 2022	Fiera Milano, Milan, Italy
4	CPhI China- Virtual CPhI	June 21-23, 2022	SNIEC, Shanghai, China
5	CPhI Japan	Apr 20-22, 2022	Tokyo, Japan
6	CPhI Korea	Sept 28-30, 2022	COEX, Seoul, Korea
7	CPhI India	Nov 29 to Dec 1, 2022	Noida, India

MECD (Coating Show)

1	Asia Pacific Coatings Show	Sept 14-16, 2022	Indonesia, Jakarta
2	Middle East Specialty Chemicals Show	June 12-14 2021	Dubai
3	Middle East Coatings Show	June 14-16, 2022	Dubai
4	Coatings For Africa	May 04-06, 2022	Sandton, South Africa

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CHEMS

1	Dye+Chem Morocco International Expo	Nov 24-27, 2021	Morocco
2	Dye+Chem Sri Lanka International Expo	TBD	Colombo Sri Lanka
3	Dye+Chem Bangladesh International Expo	Aug 31 - Sept 3, 2022	Bangladesh
4	Dye+Chem Brazil International Expo	Nov 09-11 2021	Brazil

Red Carpet Events

1	5th Bangladesh Int'l Dyes, Pigments and Chemicals Expo	TBD	Dhaka, Bangladesh
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Turkey (Arkim Group)

1	InterDye Textile Printing Eurasia	Nov 24-26, 2022	Istanbul
2	Paint Istanbul TURKCOAT	Mar 17-19, 2022	Istanbul
3	Paint Expo Euroasia	Nov 25-27, 2021	Istanbul

Other Exhibitions

1	Paint India	Mar 10-12, 2022	JIO World Convention Center, Mumbai
2	Expo Paint and Coatings	July 28-30, 2022	New Delhi, India
3	CIPI	TBD	Mumbai, India
4	Chemspec Europe	May 31-Jun 01, 2022	Messe Frankfurt, Germany
5	ChemUK 2022 Expo	May 11-12, 2022	NBC, Birmingham, UK
6	American Coatings Show	Apr 05-07, 2022	Indianapolis
7	China Coat China	Mar 02-04, 2022	Shanghai, China Shanghai
8	Interdye China	May 31-Jun 02, 2022	China
9	Paint Expo Germany	Apr 26-29, 2022	Germany
10	India Chem 2022	Nov 2-3, 2022	Pragati Maidan, New Delhi

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- ☛ G Salt to Amido G Acid
- ☛ Amido G. Acid to Gamma Acid
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Contact

Bharat Mehta

AAKAR DYES AND CHEMICALS (Admin Office)

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NaOH flakes	360 Kg	Chemical
Sodium Metabi Sul-phate	255	Chemical
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HCL	1115 Kg	Chemical
Alum	160 Kg	Chemical
Industrial Salt	10800 Kg	Chemical
Oil Disperant	207 Kg	Chemical
Polyelectrolyte Anionic	235 Kg	Chemical
Genesys RC (Anti-scalant)	962 Ltr	Chemical

Details : Required Rate with MSDS and Other Certificate

Swapnil Salunke - Zen Engineering

Plot # A-269, Road # 33 A, Wagle Industrial Estate,
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Maharashtra, INDIA

Web: www.zenengineering.net

Email: purchase@zenengineering.in

Switchboard.: +91-989-283-1911

Product Name	Qty	Grade
ISO Propyl Alcohol	1 Tonnes	Industrial

Details : Need Quote for IPA. Please reply via email/phone.
Rajkumar Mandal
Boisar, Maharashtra, India
Email : info@myteepol.com
Mobile : 9967800437

Product Name	Qty	Grade
Borax	1 Tonnes	Industrial

Details : Need Borax. Distributor. Please contact via email/phone
Sandip Agarwal
Kolkata, West Bengal, India
E-mail : sandip@sbpl.co.in Mobile : +91-983-100-1334

Product Name	Qty	Grade
Fast Red RL Base	500 Kgs	Industrial

Details : Required the above item. Please reply via email/phone.
Vibhu Vaidya - Krupalu Dye Stuff Industries
Email : krupalu@ymail.com
Mobile : 9408554819

Product Name	Qty	Grade
Acrylic Acid	500 Kg	Industrial

Details : Please contact via email or phone.
Janardhan Raju - Katyayani Polymers
Email : katyayanipolymers@gmail.com
Mobile: +91-995-990-0375

Product Name	Qty	Grade
2,3 DCP (CAS # 2402-77-9)	15 MTs	Industrial

Details : Need for August. Please reply via email/phone.
Dr. Deepak Birewar
Inventys Research Company
Email : dbirewar@inventys.in
Mobile : +91-961-966-6333

Product Name	Qty	Grade
Detergent and Home Care Product	Contain-er Truck load	

Details : Prefer direct manufacturer or exporters only.
Jagdish Thakral
Shri Hariram Export Pvt. Ltd.
Email: jthakral@kailashgroup.com (preferred)
Phone : 0712-273-4041

Product Name	Qty	Grade
Pharma Intermediates	-	

Details :
Arnish
Chemox Chemopharma Industries
Email : vekariya.arnish@ymail.com
Mobile: +91-990-908-3070 (preferred)

Product Name	Qty	Grade
Acetonitrile - Virgin - 99.9% pure - CAS Number: 75-05-8	500 Kgs	VirginPure

Details : No recycled or recovered Acetonitrile, only fresh material please.
Mr Kunal Kamat (Procurement Agent)
Kunal Chemicals Trading
Email : kunalchemicaltrading@gmail.com
Mobile : +91-932-001-3358

Product Name	Qty	Grade
CAS NO 60-00-4 - EDTA Acid	1 Tonnes	Industrial

Details : Please reply via email/phone
Parthiv
Shiv Chem Industries
Email : chelateshivchem@yahoo.co.in
Tel.: 079-2282-3447

Product Name	Qty	Grade
Sofosbuvir and Daclatasvir		

Nirav Patel
Indamed Pharmaceuticals Pvt. Ltd.
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Product Name	Qty	Grade
Strontium Carbonate	1000 Kgs	Technical
Phenolic resins	1000 Kgs	
Details : We are interested to buy Strontium Carbonate Powder Imported and phenolic resins Mr. Sunairaja. T Sivakasi, Tamil Nadu, India Email : pyrocheme@gmail.com Tel.: 9443164779		

Product Name	Qty	Grade
861229-15-4	1000 Tonnes	Industrial
Details : This is an additive for waterproofing membrane and purity more than 90% Mr. David Ding Singapore Email : dingzhusong1972@yahoo.com Tel.: 006591058487		

Product Name	Qty	Grade
Succinic Acid 99%-food grade	80 Tonnes	Chemical
Acetic Acid	1 TankerLoad	
Benzene	1 TankerLoad	
Con Nitric Acid	1 TankerLoad	
Methanol	1 TankerLoad	
Soda Ash	4000 Kgs	
Acetone	1 TankerLoad	
Xylene	1 Tonnes	
Toluene	1 Tonnes	
Chlorine	1800 Kgs	
Sulphuryl Chloride	15000 Tonnes	
Imported Steam Coal (Indonesia) Cv 5700	1 Tonnes	
Details : My Client Required Succinic Acid 99%-food grade Please provide me Quotation along with Coa & MSDS Qty: 80MT Delivery Location: Mumbai,INDIA Payment under LUT Make : Imported/Domestic Please do the needful Required rates of above mentioned raw materials. Please reply via email/phone Mr. Abhay Hingarh Mumbai, Maharashtra, India Email : jovikaenterprise@gmail.com Tel.: 09821011976		

Product Name	Qty	Grade
N-Ethyl-2-Pyrrolidone NEP	8000 Kgs	Technical
Details : Vandit Shah Pune, Mh Mobile: 9327238521 Email : vandit09@gmail.com		

Product Name	Qty	Grade
Epoxy Novolc Resin	200 Kgs	Chemical
N75 Hardner	600 Kgs	Chemical
PGE Epoxy Diluent	400 Kgs	Chemical
Cycloaliphatic Amine Epoxy Hardner	500 Kgs	Chemical
Ancamine 2753	500 Kgs	Chemical
Epoxy Silane 6040	50 Kgs	Chemical
Details : Require Quotation Rajshri Waghmare Pune, Maharashtra, India Email : scm@demechchemical.com Tel.: 9764593597		

Product Name	Qty	Grade
1,2-Bis(2-aminophenoxy)ethane – HS Code 29222990	500 Kgs	Not Applicable
Napthol AS-PH - HS Code - 32041921	500 Kgs	Not Applicable
Fast Red KD Base (HS Code – 29225014)	2 Tonnes	Not Applicable
Napthol AS-LC (HS Code – 32041929)	500 Kgs	Not Applicable
Dimethylsuccinylo Succinate (DMSS) – HS Code 29181990	500 Kgs	Not Applicable
2-Aminobenzotrifluoride / CAS 88-17-5.	500 Kgs	Technical
5-acetylacetamidobenzimidazolone /CAS: 26576-46-5	2 Tonnes	Technical

Details : The purity should be ideal for manufacturing of organic pigments. Looking for Indian manufacturers for pigment intermediates. Required products are on a monthly basis. We are into manufacturing organic pigments.
2-Aminobenzotrifluoride 88-17-5.. We need 500 kilos for pigment production
We need 2 tons 5-acetylacetamidobenzimidazolone / CAS: 26576-46-5 .
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Product Name	Qty	Grade
NaOH flakes	360 Kg	Chemical
Sodium Metabi Sulphate	255	Chemical
Sodium Hypochlorite	480 Kg	Chemical
HCL	1115 Kg	Chemical
Alum	160 Kg	Chemical
Industrial Salt	10800 Kg	Chemical
Oil Disperant	207 Kg	Chemical
Polyelectrolyte Anionic	235 Kg	Chemical
Genesys RC (Anti-scalant)	962 Ltr	Chemical

Details : Required Rate with MSDS and Other Certificate

Swapnil Salunke - Zen Engineering

Plot # A-269, Road # 33 A, Wagle Industrial Estate,
Near ESIS Hospital, Thane (West)-400604.

Maharashtra, INDIA

Web: www.zenengineering.net

Email: purchase@zenengineering.in

Switchboard.: +91-989-283-1911

Product Name	Qty	Grade
ISO Propyl Alcohol	1 Tonnes	Industrial

Details : Need Quote for IPA. Please reply via email/phone.

Rajkumar Mandal

Boisar, Maharashtra, India

Email : info@myteepol.com

Mobile : 9967800437

Product Name	Qty	Grade
Strontium carbonate powder imported	1000 Kgs	Industrial
Metaldehyde	100 Kgs	Technical
Azidotetrazole	100 Kgs	Technical
Strontium carbonate	1000 Kgs	Technical
phenolic resins	1000 Kgs	Technical

Details : we are interested to buy strontium carbonate powder imported solvay material pl contact 9443164779 pyrochome@gmail.com

we are interested to buy metaldehyde and Azidotetrazole in bulk for industrial applications pl contact 9443164779

we are interested to buy strontium carbonate powder imported

Sunairaja. t

Sivakasi, Tamil Nadu, India

E-mail : pyrochome@gmail.com Mobile : 9443164779



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Product Name	Qty	Grade
2,3 DCP (CAS # 2402-77-9)	15 MTs	Industrial

Details : Need for August. Please reply via email/phone.

Dr. Deepak Birewar

Inventys Research Company

Email : dbirewar@inventys.in

Mobile : +91-961-966-6333

Product Name	Qty	Grade
Detergent and Home Care Product	Container Truck load	

Details : Prefer direct manufacturer or exporters only.

Jagdish Thakral

Shri Hariram Export Pvt. Ltd.

Email: jthakral@kailashgroup.com (preferred)

Phone : 0712-273-4041

Product Name	Qty	Grade
Pharma Intermediates	-	

Details :

Arnish

Chemox Chemopharma Industries

Email : vekariya.arnish@ymail.com

Mobile: +91-990-908-3070 (preferred)

Product Name	Qty	Grade
Acetonitrile - Virgin - 99.9% pure - CAS Number: 75-05-8	500 Kgs	VirginPure

Details : No recycled or recovered Acetonitrile, only fresh material please.

Mr Kunal Kamat (Procurement Agent)

Kunal Chemicals Trading

Email : kunalchemicaltrading@gmail.com

Mobile : +91-932-001-3358

Product Name	Qty	Grade
CAS NO 60-00-4 - EDTA Acid	1 Tonnes	Industrial

Details : Please reply via email/phone

Parthiv

Shiv Chem Industries

Email : chelateshivchem@yahoo.co.in

Tel.: 079-2282-3447

Product Name	Qty	Grade
Sofosbuvir and Daclatasvir		

Nirav Patel

Indamed Pharmaceuticals Pvt. Ltd.

Email : indamedpharma@yahoo.co.in

Mobile : +91-968-787-7922 (Preferred)



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Product Name	Qty	Grade
Nigrosine Black Dyes	1 Can	Industrial
Details : Gary Brent Auckland, New Zealand Email : gary.brent@washtech.co.nz Mobile : +64-2195-5732		

Product Name	Qty	Grade
n Butyllithium 23%	5 T	Chemical
Details : Sook Young Yoon Gyeonggi-do, South Korea Email: syyun@jtcs.co.kr Mobile: +82-318-016-8258		

Product Name	Qty	Grade
Potassium iodide-IP-BP-USP	1KG	Virgin Pure
Deepak Kala Hyderabad, Telangana, India Email : deepak.kala@vbsilpa.com Mobile : +91-706-055-5929		

Product Name	Qty	Grade
CAS NO 112-12-7 FISCHER'S BASE	2000 Litres	Any
Details : Required on regular basis. Min Qty 2000 Ltr. Mr. Jitendra Bhalgat Ahmednagar, Maharashtra, India Email : jbhalgat11@gmail.com Tel.: 9422220871		

Product Name	Qty	Grade
2-Phenoxyethanol	220 Kgs	Industrial
122-99-6 // P12030		
Nandakishore Bangalore, Karnataka, India Email : nkshetty@wilber.co.in Tel.: +91-901-965-0701		

Product Name	Qty	Grade
Toulene	5000 Kgs	Industrial
Details : Kindly arrange to send us quotations Santosh Taksale Pune, MH Mobile: 9028843799 Email: santosh.taksale@manikchandpackaging.com		

Product Name	Qty	Grade
Triethylsilane 98%	500 gms	Industrial
Details : Honest Traders (India) Email : honestchem3@gmail.com Mobile : +91-635-177-0203		

Product Name	Qty	Grade
Naphthalene Powder	-	
Para Di Chloro Benzene Powder		
Camphor Powder		
Details : Xavi Gabhri Pharma (Manufacturer) E-mail : fragrancevalley1992@gmail.com Mobile : 9847687718		

Product Name	Qty	Grade
Resorcinol	-	
Triethyl amine		
Paraformaldehyde		
Formaldehyde		
Details : Ashok Patil (Manufacturer) DD Patil Chemicals, Amalner Dist Jalgoan Email: ddchemicalsales@gmail.com Mobile: +91-735-022-6099		

Product Name	Qty	Grade
Pine Oil	-	
Emulsifier Alfox200		
various TOP		
Details : I need total raw materials for mfg. of Detergent powders, Floor cleaning Liquid etc. Arvindbhai Vadhada NewCera Minechem (Manufacturer) Email : newceraminechem62@yahoo.com Mobile : +91-9429460123		

Product Name	Qty	Grade
caustic soda flakes 98% sodium hydroxide	500 Kgs	Chemical
Details : Need this 5 Tonnes. EMEL KILINÇ Gaziantep, Türkiye Email : satinalma@toren.com.tr Mobile : +90-535-454-0331		



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Product Name	Qty	Grade
CAS NO 112-12-7 FISCHER'S BASE	2000 Ltr	Any
Details : Required On Regular Basis. Min Qty 2000 Ltr. Jitendra Bhalgat Ahmednagar, Maharashtra, India Email : jbhalgat11@gmail.com Mobile : 9422220871		

Product Name	Qty	Grade
Sodium Hypochlorite	500 Kgs	Industrial
Details : We need this product on a regular basis (Monthly) Please contact us if you are a manufacturer or a distributor. (Required in and around Calicut Kerala) Rajshree Varshney Mumbai, Mh Mobile: + 917520945076 Email : rajshree.varshney@gmail.com		

Product Name	Qty	Grade
Tera Hydrofurin (thf)	-	
Details : We are Trader and Deal in api and solvents Rajiv Kapoor Global Enterprises (Traders) Mobile: 8866506582 Email : globalenterprisespurchase@gmail.com		

Product Name	Qty	Grade
Modified Starch	1 Tonnes	Technical
Details : for our won purpose Purushotham M Salem, Tamil Nadu, India Mobile: +919443326055 Email : sreestarch@gmail.com		

Product Name	Qty	Grade
Trifluoromethyl benzene (CAS 98-08-8)	300 Kgs	Industrial
Details : for our won purpose Chetan Lakhpati Thane, Maharashtra, India Mobile: 9920337763 Email : clakhpati@gmail.com		



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Product Name	Qty	Grade
QUARTASEPT (CMD 14-005)	500 Kgs	Chemical
Details : An Aviation/Airline Disinfection product that complies with the widely used industry specifications AMS1452 or AMS1453 (Such as substances containing 62% -71% ethanol alcohol, 0.5% hydrogen peroxide, or 0.1% sodium hypochlorite). Kishor at Moglix Noida Mobile: 96503-64721 Email : Kishor.tarafdar@moglix.com		

Product Name	Qty	Grade
DIRECT BLUE-71	200Kgs	Industrial
Can blue 71 pass EN71 certification? How much does it cost? Email : steven@chifra.com.tw Mobile : +88-691-352-0913		

Product Name	Qty	Grade
Fast Red KD Base (HS Code – 29225014)	2 t every month	
Napthol AS-LC (HS Code – 32041929)		
Napthol ASIRG (HS Code - 29242990)	500 kg every month	
Dimethylsuccinyllo Succinate (DMSS) – HS Code 29181990		
Napthol AS – HS Code 29242990		
Napthol AS-PH - HS Code - 32041921		
1,2-Bis(2-aminophenoxy) ethane – HS Code 29222990		
2,4,6 Trichloro Aniline	100 Kgs	Chemical
Details : Pravin Iyer AT Pigments (Manufacturer) Email : pravin.iyer@atpigments.com Mobile : 9898507767		

Product Name	Qty	Grade
Sulphur Granules	30 Tonnes	Industrial
Details : DERRICK MWANSA Chingola Central, Chingola, Zambia Mobile: +26-097-759-2183 Email : derrick.mwanasa@rgpm-group.com		



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Product Name	Qty	Grade
Titanium dioxide		
Details : P. DO. SHAH SEMITONE INDIA (Manufacturer) Email : prakash@pcf.co.in Mobile : 918850655380		

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Product Name	Qty	Grade
Glacial Acetic Acid	30 Kgs	
Details : Please send us the below information of this product with COA / spec If you have any query then feel free to contact me directly. Thank you in advance, and look forward to receive the requested information from you. Abhishek Jha (Executive Purchase) Abhishek Jha Valsad, Gujarat, India Email : pur5@triveniinterchem.com		

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Product Name	Qty	Grade
Barium Titanate		
Calcium Titanate		
Lead Titanate		
Lithium Titanate		
Details : P. DO. SHAH SEMITONE INDIA (Manufacturer) Email : prakash@pcf.co.in Mobile : 918850655380		

Product Name	Qty	Grade
Industrial Label Gum 38051010		
Details : Janardhan Katyayani Polymers (Manufacturer) Email : katyayanipolymers@gmail.com Mobile: +91-995-990-0375		

Product Name	Qty	Grade
Purified Terephthalic Acid	-	Trader
Details : Rakesh Bachani Royal Chemicals (India) Email : info@royalchemindia.com Mobile : +91-922-150-3305		

Product Name	Qty	Grade
Toluene c9 and solvents	-	Trader
Details : We are Trader and Deal in api and solvents Rajiv Kapoor Global Enterprises (Traders) Mobile: 8866506582 Email : globalenterprisespurchase@gmail.com		

Product Name	Qty	Grade
Reactive Dyes	Bulk	Distributor
Ramazoles		
Vat Dyes		
Details : M/s Diamond Dyes Industries Pvt. Ltd. 102, Nain Krupa, 1st Floor, 118/112, Kazi Sayed Street, Masjid (West), Mumbai - 400 003 Tel: 022-2340-2754 Mobile: (Bharat Bhai) 093241-36095 Dilip: 093242-48986 Email: bharatd18@gmail.com		

Product Name	Qty	Grade
Atul Direct Fast Orange GR		
Atul Direct Violet Extra		
Atul Direct Fast Scarlet 4BS		
Atul Acid Orange II		
Atul Crocein Scarlet Moo		
Amarthol Asph		
Solophenyl Fast Grey Rln		
Ciba Typewriter Brand Direct Green		
Solophenyl Blue BL 200		
Chemicals		
Mitesh Modi Contact : 9830090208, 9339459367 Email : amritdyes1952@gmail.com		

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Product Name	Qty	Grade
Alfa Naphthols		
Diethyl Meta Toluidine		
2 Nitro Di Methyl Terephthalate		
5 Nitro 2 Amino Phenol		
Aceto Acetanilide		
Meta Phenylene Di-amine		
Ortho & Para Anisidine		
Dye Intermediates		Broker
Chemicals		Broker

Details

M/s H. Rameshkumar

Goradia House, 3rd Floor, Room No. 309, 100/104, Kazi Sayed Street, Mumbai - 400-003

Tel: 022-2344-4365

Mobile: +91-93231-36833

Product Name	Qty	Grade
2Methoxy Naphthalene which is use in agarbatti and perfume		
4 chloro anisole		
Sodium sulphate		

Details :

Ashok Patil

DD Patil Chemicals, Amalner Dist Jalgoan

Email: ddchemicalsales@gmail.com

Mobile: +91-735-022-6099

Product Name	Qty	Grade
ACETIC ACID cas number 64-19-7 / Hsn number 29152100		
Hydracloric Acid		

Details :

Dinesh Gupta

HARESH ENTERPRISES (Wholeseller)

Email: setuenter@yahoo.co.in

Mobile: +91-9824200441

Product Name	Qty	Grade
Ammonium Sulphate caprolactum grade		

Details :

Manish

SM Dharani Chem Pvt Ltd(Manufacturer)

Email: manish@smdcpl.in

Mobile : 9879408765

Product Name	Qty	Grade
Sodium Bi Sulphate	-	-

Details :

M/s Anant Corporation / Nitish Enterprise

203, Dariyasthan Chambers, 2nd Floor, 33, Dariyasthan Street, Masjid (West), Mumbai - 400 003

Tel: 022-6331-2140 Fax: 022-2347-1894

Mobile: 098200-92170, 098198-61068

Email: nitish2846@gmail.com

Product Name	Qty	Grade
Plastic Bottles		
Carboys		
M.S. Capsules		
Bungs		

All Types of Sealing Machines

Details :

M/s Samir Brothers

Ashok Niwas, 2nd Floor, Daulat Nagar, Road No. 3, Borivali (East), Mumbai - 400 066.

Tel: 022-2808-1542 / 022-2805-9475 /

022-2855-8035 (R)

Contact For: Plastic Bottles, Carboys,

M.S. Capsules, Bungs & All Types of

Sealing Machines

Product Name	Qty	Grade
Red 195	-	-
Red 196		
Red cd		
Orange me2rl		
Orange 72		
Fast Magenta		
Yellow FG		
Blue me2rl		
Blue gg		
Blue me2gl		
Blue 222		
Yellow ME4GL		
Yellow H7GL		
Yellow 95(P6GS)		
Yellow 37(GL)		
Yellow HE6G		
Red (P4BN)		
Red HE88		
Red HE7B		

Details :

Jitendrabhai

Mobile : +91-9904063662



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Product Name	Qty	Grade
Pigment Yellow 74 (5 GX) (2 GX)		
Pigment Red 146		
Pigment Yellow 83		
Pigment Red - 2		
Pigment Violet - 19		
Red - 122		
Red - 112		
Yellow - 180		
Yellow - 151		

Details : We want Indian manufacturers for pigment intermediates listed above. we are into manufacturing organic pigments.

Pravin Iyer

AT Pigments (Manufacturer)

Email : pravin.iyer@atpigments.com

Mobile : 9898507767

Product Name	Qty	Grade
Textile binders		
Paint & Construction Chemicals		
Wood Adhesives		
Adhesives for Printing & Packaging Industries		
Leather Chemicals		

Details :

R P Agrawal

Texochem Industries (Manufacturer)

Email : info@texochem.com

Mobile : 919820217042

Product Name	Qty	Grade
Glycerine	12 Tons	Manufacturer

Details :

Tajinder Goyal

Softex Surgial

Email : Tajinder.goyal@gmail.com

Ph: +91-980-555-6667

Product Name	Qty	Grade
Pharma Intermediates	-	
Details : Arnish Chemox Chemopharma Industries (Manufacturer) Email : vekariya.arnish@ymail.com Mobile: +91-990-908-3070		

Product Name	Qty	Grade
KAILASH brand detergent paste		
detergent round tablet		
home care products for cleaning purpose		
Details : Jagdish Thakral Shri Hariram Export Pvt. Ltd. (Manufacturer) Email: jthakral@kailashgroup.com Phone : 07122734041		

Product Name	Qty	Grade
Polyacrylamide		
Hydrochloric Acid		
Industrial Safety Mask		

Details : Bulk requirement

Amit Dave

Amit International (Distributor)

Email : amitintl@zoho.com

Mobile : 9821323563

Product Name	Qty	Grade
Hydrazine Hydrate 80%		

Details : we have stock of our own imports

Anamika soni

Punjab Chemicals & Crop Protection Ltd
(Manufacturer)

Email : anamika@punjabchemicals.com

Mobile : 9867724805

Product Name	Qty	Grade
EDTA Tetra Sodium Liquid	-	

Details :

Parthiv

Shiv Chem Industries (Manufacturer)

Email : chelateshivchem@yahoo.co.in

Tel.: 079-2282-3447

Product Name	Qty	Grade
Diffubenzurone	250 Kg 500 Kg	

Details :

CHANDRESH HAPANI

ANIMED (Distributor)

Email : animed6@yahoo.co.in

Mobile : 9830175616



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Product Name	Qty	Grade
Sulphur Powder		
Sulphur Roll		
Details : we are manufacturers of Sulphur powder and Sulphur roll Adesh J.K.Industries, Deoband (Trader) Email : jkind.dbd@gmail.com Mobile : 9412113914		

Product Name	Qty	Grade
Mercuric Chloride		
Details : Surendra Agrawal Ankur Chemicals (Manufacturer) Email : ankurchemical@yahoo.com Mobile : 09352500959		

Product Name	Qty	Grade
Personal Care		
Home Care		
Detergent raw materials		
APG		
Decyl glucoside		
Coco Glucoside		
Lauryl Glucoside		
Saurasoft 612 (Lipid Layer Enhancer)		
MES Liquid (Methyl Ester Sulphonate)		
PEG 400		
Defoamer		
Emulsifier		
Wetting Agent		
Buffering agent - pH stabiliser		
Klenz B - Disinfectant Cleaner		
FW 351 - Glucoside based fruit and vegetable wash		
Saurawash 201 (Concentrated Glucoside based antimicrobial Hand Wash)		
Details : Prashant Satpute Sauradip Chemical Industries Pvt. Ltd. (Manufacturer) Email : prashant.satpute@sauradip.com Mobile : 09769015004		

Product Name	Qty	Grade
Solvent Dyes (solvent yellow 82 & orange 62)		
Details : Prakash Patel NAVDURGA DYES & CHEMICAL (Manufacturer) E-mail : navdurgadyes@gmail.com Mobile : 9022673905		

Product Name	Qty	Grade
Sanitizing Alcohol Swabs 70 percent IPA / 67-63-0 / 3005 / Isopropyl Alcohol / 70 percent / Medical	Bulk	Medical
Details : Sameer Makhija Mak Medicals Private Limited (Manufacturer) Email : makmedicalsltd@gmail.com Mobile : +91-987-140-8777		

Product Name	Qty	Grade
Inorganic Salts		
Details : Santosh Thakre S S Fine Chem Laboratories (Manufacturer) Email : ssfinechemlaboratories@gmail.com Mobile : +91-986-777-4142		

Product Name	Qty	Grade
Borax	Bulk	
Details : Sandip Agarwal (Distributor) Supreme Borochem Private Ltd E-mail : sandip@sbpl.co.in Mobile : +91-983-100-1334		

Product Name	Qty	Grade
General Tablets and Liquid Syrup		
NSAIDs		
Cough syrup		
Narcotics formulation		
Antibiotics		
Details : Nirav Patel Indamed Pharmaceuticals Pvt. Ltd. (Manufacturer) Email : indamedpharma@yahoo.co.in Mobile : +91-968-787-7922		



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About the Paint Industry *Part 2*

Last month we discussed the basics of the paint industry. We started with Thermoplastic mechanism. The below are more details of the various mechanisms way binders are used.

Thermosetting mechanisms: Paints that cure by polymerization are generally one- or two-package coatings that polymerize by way of a chemical reaction, and cure into a cross-linked film. Depending on composition they may need to dry first, by evaporation of solvent. Classic two-package epoxies or polyurethanes would fall into this category. The "drying oils", counter-intuitively, actually cure by a crosslinking reaction even if they are not put through an oven cycle and seem to simply dry in air. The film formation mechanism of the simplest examples involve first evaporation of solvents followed by reaction with oxygen from the environment over a period of days, weeks and even months to create a crosslinked network. Classic alkyd enamels would fall into this category. Oxidative cure coatings are catalyzed by metal complex driers such as cobalt naphthenate though cobalt octoate is more common. Recent environmental requirements restrict the use of volatile organic compounds (VOCs), and alternative means of curing have been developed, generally for industrial purposes. UV curing paints, for example, enable formulation with very low amounts of solvent, or even none at all. This can be achieved because of the monomers and oligomers used in the coating have relatively very low molecular weight, and are therefore low enough in viscosity to enable good fluid flow without the need for additional thinner. If solvent is present in significant amounts, generally it is mostly evaporated first and then crosslinking is initiated by ultraviolet light. Similarly, powder coatings contain little or no solvent. Flow and cure are produced by the heating of the substrate after electrostatic application of the dry powder.

Combination mechanisms: So-called "catalyzed" lacquers" or "crosslinking latex" coatings are designed to form films by a combination of methods: classic drying plus a curing reaction that benefits from the catalyst. There are paints called plastisols/organosols, which are made by blending PVC granules with a plasticiser. These are stoved and the mix coalesces.

Diluent or solvent or thinner

The main purposes of the diluent are to dissolve the polymer and adjust the viscosity of the paint. It is volatile and does not become part of the paint film. It also controls flow and appli-

cation properties, and in some cases can affect the stability of the paint while in liquid state. Its main function is as the carrier for the non-volatile components. To spread heavier oils (for example, linseed) as in oil-based interior house paint, a thinner oil is required. These volatile substances impart their properties temporarily—once the solvent has evaporated, the remaining paint is fixed to the surface. This component is optional: some paints have no diluents. Water is the main diluent for water-borne paints, even the co-solvent types. Solvent-borne, also called oil-based, paints can have various combinations of organic solvents as the diluent, including aliphatics, aromatics, alcohols, ketones and white spirit. Specific examples are organic solvents such as petroleum distillate, esters, glycol ethers, and the like. Sometimes volatile low-molecular weight synthetic resins also serve as diluents.

Pigment, dye and filler

Pigments are granular solids incorporated in the paint to contribute color. Dyes are colorants that dissolve in the paint. Fillers are granular solids incorporated to impart toughness, texture, give the paint special properties, or to reduce the cost of the paint. During production, the size of such particles can be measured with a Hegman gauge. Rather than using only solid particles, some paints contain dyes instead of or in combination with pigments. Pigments can be classified as either natural or synthetic. Natural pigments include various clays, calcium carbonate, mica, silicas, and talcs. Synthetics would include engineered molecules, calcined clays, blanc fixe, precipitated calcium carbonate, and synthetic pyrogenic silicas. Hiding pigments, in making paint opaque, also protect the substrate from the harmful effects of ultraviolet light. Hiding pigments include titanium dioxide, phthalo blue, red iron oxide, and many others. Fillers are a special type of pigment that serve to thicken the film, support its structure and increase the volume of the paint. Fillers are usually cheap and inert materials, such as diatomaceous earth, talc, lime, barytes, clay, etc. Floor paints that must resist abrasion may contain fine quartz sand as a filler. Not all paints include fillers. On the other hand, some paints contain large proportions of pigment/filler and binder. Some pigments are toxic, such as the lead pigments that are used in lead paint. Paint manufacturers began replacing white lead pigments with titanium white (titanium dioxide), before lead was banned in paint for residential use in 1978 by the US Consumer Product Safety Commission. The titanium dioxide used in most paints today is often coat-



ed with silica/alumina/zirconium for various reasons, such as better exterior durability, or better hiding performance (opacity) promoted by more optimal spacing within the paint film. Micaceous iron oxide (MIO) is another alternative to lead for protection of steel, giving more protection against water and light damage than most paints. When MIO pigments are ground into fine particles, most cleave into shiny layers, which reflect light, thus minimizing UV degradation and protecting the resin binder. Most pigments used in paint tend to be spherical, but lamellar pigments, such as glass flake and MIO have overlapping plates, which impede the path of water molecules. For optimum performance MIO should have a high content of thin flake-like particles resembling mica. ISO 10601 sets two levels of MIO content. MIO is often derived from a form of hematite.

Additives

Besides the three main categories of ingredients, paint can

have a wide variety of miscellaneous additives, which are usually added in small amounts, yet provide a significant effect on the product. Some examples include additives to modify surface tension, improve flow properties, improve the finished appearance, increase wet edge, improve pigment stability, impart antifreeze properties, control foaming, control skinning, etc. Other types of additives include catalysts, thickeners, stabilizers, emulsifiers, texturizers, adhesion promoters, UV stabilizers, flatteners (de-glossing agents), biocides to fight bacterial growth and the like.

Additives normally do not significantly alter the percentages of individual components in a formulation. Next month we will bring you applications of the paint industry. (to be continued)

-Rajiv Parikh

Research Reports Abstracts

Disinfectants, Sanitizers, & Vehicle Care I&I Cleaning Chemicals Will See Healthy Growth Through 2026

CLEVELAND OH, July 21, 2022 / CPRNewswire/ -- Disinfectants and sanitizers will register among the fastest gains in the global industrial and institutional (I&I) cleaning chemicals market through 2026, finds a new Freedonia Group analysis:

- An increase in food and beverage production, notably for export markets, will support gains.
- Gains in healthcare spending will also boost growth.
- In addition, the continuation of

stringent cleaning and sanitation protocols, most notably in foodservice, commercial, and institutional applications, will benefit demand.

These trends will also promote strong gains for hand cleaners, which are increasingly formulated with antimicrobial active ingredients and other higher-priced raw materials that are better able to kill germs but are mild on users' skin even after repeated and/or prolonged use, as is common in medical environments and areas in which food

is handled. Vehicle care products will also see above average gains, buoyed by increasing shipping and distribution activities, as well as increasing patronization of commercial car washes as average vehicle miles traveled returns to pre-pandemic levels.

Read the full report : <https://www.freedoniagroup.com/>

If you want your report abstract to be published please contact Info@dyeschemicalmarket.com

Worldwide Electronic Adhesives Industry to 2028 - Featuring LG Chem, Dymax and 3M Among Others

The report on the global electronic adhesives market provides qualitative and quantitative analysis for the period from 2022 to 2028.

The report predicts the global electronic adhesives market to grow with a CAGR of nearly 7% over the forecast period from 2022-2028. The study on

electronic adhesives market covers the analysis of the leading geographies such as North America, Europe, Asia-Pacific, and RoW for the period of 2022 to 2028.

The report on electronic adhesives market is a comprehensive study and presentation of drivers, restraints, opportunities, demand factors, market size,

forecasts, and trends in the global electronic adhesives market over the period of 2022 to 2028. Moreover, the report is a collective presentation of primary and secondary research findings.

Porter's five forces model in the report provides insights into the competitive rivalry, supplier and buyer positions in



the market and opportunities for the new entrants in the global electronic adhesives market over the period of 2022 to 2028. Further, Growth Matrix gave

in the report brings an insight into the investment areas that existing or new market players can consider.

Read the full report : [https://www.re-](https://www.researchandmarkets.com/r/eflo9u)

[searchandmarkets.com/r/eflo9u](https://www.researchandmarkets.com/r/eflo9u)

If you want your report abstract to be published please contact Info@dyeschemicalmarket.com

Conductive Polymer Coatings Market to Witness Impressive Growth Opportunity with a Steady CAGR of 9.3% during 2022-2032 - Future Market Insights, Inc.

Asia Pacific emerged as largest market for conductive polymer coatings in terms of consumption. Use of conductive polymer coatings in electrical and electronic engineering as an anti-corrosion agent will act as an ever-growing revenue channel.

NEWARK, Del., July 22, 2022 / PRNewswire/ -- The conductive polymer coatings market is projected to grow at an impressive pace with a CAGR

of 9.3% during 2022-2032. Widespread use of conductive polymer coatings for corrosion protection and industrial coatings are dominant factors contributing to the market growth.

Increased demand for conductive polymer coatings can be seen in the electrical and electronics industries due to its multipurpose use in computer flat screen displays, personal digital assistants, mobile phones and other screens.

These properties are projected to bolster sales in the conductive polymer coatings market

Read the full report : <https://www.futuremarketinsights.com/reports/sample/rep-gb-158>

If you want your report abstract to be published please contact Info@dyeschemicalmarket.com

Insights on the Packaging Coatings Global Market to 2028 - Upsurge in Demand for Environment-friendly Packaging Coatings Offers Opportunities

DUBLIN, July 21, 2022 /PRNewswire/ -- The "Packaging Coatings Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2028" report has been added to ResearchAndMarkets.com's offering.

The report on the global packaging coatings market provides qualitative and quantitative analysis for the period from 2022 to 2028. The report predicts the global packaging coatings market to grow with a CAGR of over 4% over the forecast period from 2022-2028.

The study on packaging coatings market

covers the analysis of the leading geographies such as North America, Europe, Asia-Pacific, and RoW for the period of 2022 to 2028.

The report on packaging coatings market is a comprehensive study and presentation of drivers, restraints, opportunities, demand factors, market size, forecasts, and trends in the global packaging coatings market over the period of 2022 to 2028. Moreover, the report is a collective presentation of primary and secondary research findings.

Porter's five forces model in the report

provides insights into the competitive rivalry, supplier and buyer positions in the market and opportunities for the new entrants in the global packaging coatings market over the period of 2022 to 2028. Further, Growth Matrix gave in the report brings an insight into the investment areas that existing or new market players can consider.

Read the full report : <https://www.researchandmarkets.com/r/6k2ms3>

If you want your report abstract to be published please contact Info@dyeschemicalmarket.com



BASF Doubles its Polymer Dispersions Capacity in Dahej, Supporting Fast-Growing Industries in South Asia

- New line serving fast-growing customer industries like paper, construction and coatings
- Additional capacity and advanced innovations continue to deliver high-quality products
- Fully flexible setup accelerates the introduction of advanced innovations to the Indian market

Hong Kong, China – July 12, 2022 – BASF completed the installation and start-up of a state-of-the-art acrylic dispersions production line in Dahej, India, serving the coatings, construction, adhesives, and paper industries for the South Asian markets. BASF began production of polymer dispersions in Dahej, India in October 2014, and this additional production line will almost double its capacity.

BASF is one of the leading producers and suppliers of acrylics and butadiene-containing dispersions in the Asia Pacific region. “As a global supplier for polymer dispersions, we are committed to ensuring the supply of high-quality products, supporting our customers’ expansion plans. The South Asian market is one of the fast-growing sub-regions within the Asia Pacific region. Our customers are looking for global partners like BASF, who can bring innovation and expertise with its extensive footprint to help them differentiate in their markets,” said Milind Joshi, Director, Dispersions South Asia at BASF.

The new production line

complements the existing setup and allows the production of new dispersions technologies under Styronal® PLUS 7918, Styronal® ES series, Basonal® FCB, Acronal® EDGE, Acronal® PLUS, and next-generation Acronal® ECO product



ranges. “In construction polymers and architectural coatings, our innovations continue to deliver increased functionality including sustainability features, as well as durability improvement, driving premiumization of the industry. For instance, our DURA-COLOR binders for exterior coatings enable formulations of exterior

paints with outstanding dirt pick-up resistance and color retention. In paper coatings for example, we continue to drive improved cost-in-use solutions. Styronal® PLUS 7918 is our high-strength product that allows a substantial

reduction of binder usage,” said Bir Darbar Mehta, Senior Vice President of Dispersions Asia Pacific, BASF.

“Dispersions is an important business for us in India, and this project reflects our commitment to the Indian market and our customers in the country,” said Narayan Krishnamohan, Managing Director, BASF India Limited and Head of BASF Companies in India.

The site in Dahej, Gujarat is an integrated hub for polyurethane manufacturing which houses production facilities for polymer dispersions as well as care chemicals. BASF also produces dispersions in Mangalore, a production site in the southern part of India.

Source : BASF



BASF EXPANDS CAPACITY FOR AUTOMOTIVE REFINISH COATINGS IN JIANGMEN, CHINA

- Annual capacity to reach 30,000 metric tons per year
- Expansion further supports market growth in the automotive industry in China and the rest of Asia

Jiangmen, China – July 28, 2022 – BASF Coatings (Guangdong) Co., Ltd. (BCG) has expanded the production capacity of automotive refinish coatings at its coatings site in Jiangmen, Guangdong Province in South China. With the completion of the expansion in July 2022, BASF's annual production capacity of automotive refinish coatings will be increased to 30,000 metric tons. This is in line with the company's pledge to maintain customer proximity, as well as to strengthen BASF's position as a leading and innovative coatings supplier to the automotive industry in China and the rest of Asia.

"The new product capacity for automotive refinish coatings will bring additional supply reliability to fulfill the growing demand in China's automotive market. It demonstrates our commitment to enhance local production and respond faster to the growing needs of Chinese customers. It also reinforces BASF's position as one of the leading and reliable suppliers to customers in China," said Jeffrey Lou, President, BASF Greater China.

"The demand for automotive refinish coatings in China is growing at a healthy rate. It has become imperative to have advanced production facilities in the region to support this development. I am

very confident that our investments in the expanded capacity will better support the growth of our customers in the automotive industry. Customers will benefit from our innovation strength and supply reliability they have come to know and trust," said Patrick Zhao, Senior Vice President, BASF Coatings Solutions Asia Pacific.

BCG's environmental credentials and contributions are well recognized by the Ecology and Environment Bureau of Jiangmen for several times since 2018. The company received the accolade of "Green Brand" for its outstanding contribution to sustainable development in the region.

The BCG manufacturing facility offers a comprehensive portfolio of automotive paints and solutions for commercial vehicles and automotive aftermarket. These include fillers, primer surfacer, basecoats, tinters, clearcoats, topcoats, hardeners, thinners, fast-drying accelerators and blenders etc.

Source : BASF

BRP ACQUIRES MAJORITY STAKE IN GERMAN-BASED PINION TO SPUR THE DEVELOPMENT OF NEW URBAN MOBILITY SOLUTIONS

VALCOURT, QC, Aug. 5, 2022 / PRNewswire/ - BRP Inc. (TSX: DOO) (NASDAQ: DOOO) is pleased to announce the acquisition of an 80% stake in Pinion GmbH, a pioneer in gearbox technology based in Denkerdorf, Germany. Driven by a passion to shape sustainable mobility, Pinion's team of over 60 full-time employees designs, develops, assembles, and sells mechanical gearboxes for traditional and electric bicycles. The company's leading gearboxes are modeled after automobile transmission technology and offer unique cycling dynamics and unparalleled shifting performance.

"Beyond our existing powersports and marine products, we are expanding our addressable market and entering untapped categories such as urban mobility and services," said José Boisjoli, President and CEO of BRP. "This acquisition is strategic for us as it enables BRP to leverage Pinion's unique, state-of-the-art technology in order to spur the development of new electric human assisted products. We are pleased to welcome the Pinion team."

Pinion was founded in 2008 by Christoph Lermen and Michael Schmitz, two automotive engineers. Both Co-Founders and Managing Directors will remain shareholders of Pinion, as will Managing Director and shareholder Thomas Raith. All three leaders will continue to shape the company's path to success and play a key role in its strategic direction



alongside Pinion's highly skilled employees. Offices will be maintained in Germany.

Christoph Lermen, Co-Founder and Managing Director, Pinion GmbH, added: "BRP's culture of relentless innovation and focus on R&D mirrors our own. We are proud to join such a respected company and look forward to breaking new ground with them. Together, we will continue providing class-leading Pinion gearbox technology to our 100+ valued bicycle manufacturers while at the same time expanding our offering and developing next-generation drive solutions."

This announcement follows BRP's acquisition of Great Wall Motor Austria GmbH, a leading EV R&D centre based in Kottlingbrunn, Austria, specializing in e-drive systems and transmissions, solidifying BRP's expertise in electric powertrain technology for existing product lines and upcoming product introductions.

Source : PRNewswire

EAVX AND REE AUTOMOTIVE TO BEGIN CUSTOMER EVALUATIONS OF NEW ELECTRIC WALK-IN VAN

EAVX, a subsidiary of JB Poindexter & Co, and REE Automotive, an automotive technology leader and provider of electric vehicle platforms, today announced the companies' new fully electric walk-in step van prototype will begin customer evaluation this summer. The class 5 vehicle debuts the EAVX body design powered by REE's modular P7 platform, making it the first fully drive-by-wire walk-in van on the market.

Evaluations of the new electric walk-in step van will take place over several weeks in the Detroit metropolitan area. The pre-booked event will allow pipeline customers across retail, delivery, and logistics segments to experience the vehicle, its groundbreaking technology, and secure production capacity on the path for 2023 deliveries.

The walk-in step van body is a new, ground up development and will be showcased for the first time on the REE P7 platform, which was unveiled in January 2022. The platform is intended to power class 3-5 vehicles with payloads up to 8,800 pounds and range of 370 miles, along with all-wheel steering, all-wheel drive, and autonomous-ready capabilities. The vehicle is designed to provide unique user benefits, efficiencies, and flexibility that can be scaled across further applications and classes with the modularity and design freedom enabled by REEcorner™ technology.

The road testing demonstrates the maturity of the REE-EAVX next-generation modular walk-in step van program for the North American delivery market, first announced in July 2021. The prototype body, which will have more details unveiled soon, is a step forward in EAVX's mission to develop next-generation EV and AV powered delivery and work truck bodies and accessories as a business unit of JB Poindexter & Co

(JBPCO), which has a leading market share position in the North American delivery work truck body market.

"This is an excellent confirmation for EAVX's unprecedented offering to accelerate commercial vehicle electrification for existing and new customers," said John Poindexter, CEO and Chairman, JBPCO. "Our new body, designed to fit all chassis and to be the next-generation walk-in step van, leverages JBPCO's proven history of building durable and dependable work truck and commercial vehicle bodies and accessories. We are thrilled with our partnership with REE and for this first prototype to be put on a REE modular chassis, creating the first electric vehicle with the company's innovative REEcorner™ technology. Together we can help enable the design and manufacture the commercial electric fleets of all sizes and across markets."

"EAVX and REE are delivering on our joint promise from last year and at record pace. The on-road testing of our class 5 walk-in van is a testament to the strength and progress of our EAVX partnership," said Daniel Barel, Co-Founder and CEO of REE. "We are excited for customers to experience first-hand the unique benefits of the first x-by-wire vehicle built with a best-in-class Morgan Olson body and Powered by REE, a clear step toward firm orders."

Source : Automotive Technology

**TATA MOTORS
SHOWCASES NEXT-
GEN MASS MOBILITY
SOLUTIONS AT
PRAWAAS 3.0 FOR
A SAFE, SMART
AND SUSTAINABLE**



TOMORROW

Tata Motors, India's largest commercial vehicle manufacturer and the country's leading passenger commercial mobility company, presents seven cutting-edge mass mobility solutions at Prawaas 3.0. Scheduled from 5th to 6th August 2022 in Hyderabad, Tata Motors exhibits a robust product portfolio of passenger commercial vehicles across multiple fuel options at the third edition of India's flagship bus and car travel show. Aligning itself with the 'Towards safe, smart and sustainable passenger mobility' theme at Prawaas 3.0, Tata Motors displays modern and sustainable solutions for both last-mile and long-haul mass mobility needs.

Commenting on the occasion, Mr. Rohit Srivastava, Vice President, Product Line – Buses, Tata Motors said, “Tata Motors is delighted to participate in the latest edition of Prawaas. This has emerged as an excellent platform for showcasing new products and technology as well as providing possibilities for deeper collaboration between operators, business visitors and other stakeholders within this segment. This year's theme vitally highlights the necessity of using emerging technology and innovation to make sustainable transportation a reality. As a pioneer in the industry, Tata Motors has always

remained aligned to this vision, and our diverse and smart range of products come with varied clean fuel options, with their characteristic promise of safety, comfort and efficiency.”

Tata Motors' vehicle range at Prawaas 3.0 features India's first front engine 13.5-metre bus – the Magna sleeper coach for intercity and luxury travel. Alternate-fuel-powered vehicles at the exhibition include the Ultra Electric 9/9 bus specially designed for staff transportation, Starbus Long Range CNG and LPO 10.2 CNG AC school bus. The display also features a customisable Caravan with modern facilities that is ideal for luxurious leisure travel. The iconic Winger 9S and Magic Express, ideal for last-mile passenger transportation, feature unmatched comfort for both driver and passengers with ergonomic seating designs and spacious arrangements. Each of the showcased products offers the lowest total cost of operations with highest efficiency and profitability potential.

Tata Motors is committed towards the vision of clean and sustainable mobility solutions for the future. It has enacted decisive steps to promote alternate fuel technology. The most recent being its steps towards the development of hydrogen fuel cell technology. The company is the first Indian vehicle manufacturer to have won an order for 15 Hydrogen Fuel Cell buses from Indian Oil Corporation. On the battery electric mobility front, Tata Motors is the market leader having delivered more than 715 Tata Motors' e-buses in various cities of the country and have cumulatively clocked more than 40 million kilometres. The company also offers the widest range for CNG buses across categories ensuring lower operational costs and higher profitability for the operators.

Tata Motors' passenger commercial vehicle range comes with the standard fitment of Fleet Edge – Tata Motors' next-gen digital solution for optimal fleet management. Fleet Edge provides an end-to-end connected experience for the customers with better control over their entire business operations.

Source : Automotive World

CHINA WULING'S FIRST GLOBAL ELECTRIC VEHICLE AIR EV ROLLOUTED, FIRST STEP IN INDONESIA

JAKARTA, Aug. 8, 2022 /PRNews-wire/ -- On August 8th, Chinese automaker Wuling celebrated the Indonesian production rollout of its first global electric vehicle, the Air ev (right-hand drive version). This marks an important milestone for Wuling New Energy in global outreach as it achieves one million production models. Mr. Airlangga Hartarto, Coordinating Minister of Economic Affairs, and Mr. Agus Gumiwang Kartasasmita, Minister of Industry, Indonesia, together with Chinese ambassador to Indonesia Lu Kang, attended this launching ceremony.

Based in China, Wuling New Energy has sold more than 1 million vehicles in 5 years, marking it the leading new energy automobile company in worldwide which reached this target the fastest. Joining the global market push, the Air ev will accelerate expansion in global markets, with the first stop in Indonesia. Moving forward, the Air ev will enter India, Egypt, and more regions around the world, asserting China's status as a leader in smart automotive manufacturing.

The Air ev rollout aligns with the 'blue ocean' market focus of the Chinese "Belt and Road" initiative and acts to rep-



resent China's strengths in intelligent manufacturing. As the best-selling Chinese car brand in Indonesia, the Indonesian government noted the great importance of the development of Wuling. In preparation for the global launch, the Air ev will be on display at the Indonesian International Auto Show on August 11th.

Garnering international recognition and praise, the Air ev is set to upgrade the world's perception of "Made in China." In November 2022, the G20 summit will be opened in Bali, Indonesia, and due to its superior-quality travel experience and commitment to environmental sustainability, the Air ev has been chosen as the official vehicle for the 2022 G20 Summit. Wuling will demonstrate the innovative achievements of China's intelligent manufacturing on a global stage, adding value to the summit to be a complete success.

Wuling New Energy drives development with innovation. The company is set to make every effort to advance on its overseas activities, continuing to bring high-quality new energy vehicles and service experiences to global car owners whilst demonstrating the high-tech capabilities of "Made in China."

Source : PRNewswire

**TATA MOTORS SIGNS
AN MOU WITH EC
WHEELS INDIA PVT LTD
FOR THE BIGGEST EV
FLEET DEPLOYMENT IN**

EASTERN INDIA

Keeping the vision of a clean & green environment alive and supported by its move towards sustainable transportation, Tata Motors today announced its partnership with EC Wheels India Pvt. Ltd. (an Associate of Steelman Group), an app based urban transportation service in Kolkata to deploy 1,000 XPRES T Electric sedans for cab transportation. With a commanding EV market share of 90% in the east, the signing of this MoU makes for the biggest ever EV fleet order in the region. As part of this partnership, the Company will commence deliveries in phases.

Sharing his views on the occasion, Mr. Ramesh Dorairajan, Senior General Manager – Network Management & EV Sales, Tata Motors Passenger Vehicles Ltd said, "Tata Motors has always been focusing on the faster adoption of EVs in the mobility space, helping grow India's e-mobility market. We are delighted to partner with EC Wheels India Pvt Ltd for the largest deployment of electric sedans in the fleet segment for the eastern region. With a market share of 90% in the EV fleet segment in India and the Eastern region, X-PRES T EV has created a new benchmark as it offers Enhanced safety, Fast charging solution, a Premium interior theme along with Dynamic performance at an Affordable Price. With this association, we have taken a giant leap towards future of mobility, helping the country to #EvolveToElectric."

Speaking on the occasion, Mr. Mayank Bindal, Promoter Director, EC Wheels India Pvt. Ltd. (Snap-E), an Associate of Steelman Group said, "We are thankful to Tata Motors for partnering with us. This association will help us to rapidly expand electrification in the eastern regions of India and work towards providing sustainable mobility solutions to our customers. Through this association, we aim to contribute in creating a large EV mobility ecosystem in Eastern India, thereby reducing carbon emissions into

the environment. With the best-in-class electric vehicles offered by Tata Motors, we intend to provide the customers with incomparable cab services in West Bengal and hope to continue this association on a long-term basis providing an elevated customer experience on our platform."

In July 2021, Tata Motors launched the XPRES brand, exclusively for fleet customers and XPRES-T EV is the first vehicle under this brand. The XPRES-T electric sedan comes with 2 range options – 213km and 165km (ARAI certified range under test conditions). It packs a high energy density battery of 21.5 kWh and 16.5 kWh and can be charged from 0- 80% in 90 mins and 110 mins, respectively, using fast charging or can also be normally charged from any 15 A plug point, which is easily available and convenient. It comes with zero tail-pipe emission, single speed automatic transmission, dual airbags, ABS with EBD as standard across variants. The premium black theme interior with standard automatic climate control and Electric Blue accents across its interior and exterior will give it a differentiated presence from other Tata cars.

Tata Motors has been revolutionizing Indian automotive market with its pioneering efforts and is leading the e-mobility wave in India with a commanding market share of 87% in FY'22 and with over 30,000 Tata EVs on road till date in personal and fleet segment. Furthermore, in an effort to make EVs even more accessible to all, Tata Motors is closely working with other Tata Group companies including Tata Power, Tata Chemicals, Tata Auto Components, Tata Motors Finance and Croma, to contribute to the faster adoption of EVs in India through its EV ecosystem called the "Tata uniEVerse".

Source : Tata Motors



EVONIK NOW OFFERS ENTERIC PROTECTED READY TO FILL CAPSULES EUDRACAP® IN IPEC-GMP QUALITY

- EUDRACAP® functional, ready-to-fill capsules now available for human clinical trials
- Supports development and commercialization of complex oral drugs using sensitive molecules, including biologicals
- Expands System Solutions based on technology platform for oral advanced drug delivery

Evonik's EUDRACAP® enteric easy-to-handle capsules are now globally available produced under IPEC-GMP. Launched last year, EUDRACAP® enteric are functional, ready-to-fill capsules that help pharmaceutical companies bring complex oral drug products to market faster. By offering a capsule that already provides the desired protection, companies no longer need to invest time in complex formulation development and can accelerate their drug development programs. EUDRACAP® builds on Evonik's unique expertise in advanced drug delivery and belongs to the company's set of System Solutions. These are multi-component offerings across products, technologies and services that provide customers with end-to-end development and manufacturing services for complex drug products.

"We were thrilled at the market re-

sponse to EUDRACAP® enteric when it launched last year. By offering our platform produced under IPEC-GMP, our customers can test their oral drug products in a clinical setting and move a step closer to commercialization," says Dr. Axel Schröder head of Global Business Segment Oral Drug Delivery Solutions at Evonik Health Care.

Oral drugs are being developed rapidly and there is new emphasis on those using mRNA or targeting the microbiome. "We are happy to provide our unique EUDRACAP® solution to meet the needs of customers with a growing number of sensitive molecules in their drug product portfolio," says Dr. Bettina Hölzer, senior project manager Strategic Marketing Oral Drug Delivery Solutions at Evonik Health Care.

EUDRACAP® leverages

Evonik's
established
EU-



DRAGIT® functional coatings to optimize the release profile of oral drug products. The coated HPMC (hydroxypropyl methyl cellulose) capsules are particularly suited to protect sensitive active pharmaceutical ingredients from moisture and gastric acid and as an added benefit, EUDRACAP® enteric runs smoothly on fully automat-

ed machines at full speed.

In addition to EUDRACAP® enteric, the EUDRACAP® Select line provides tailor-made CDMO (Contract Development and Manufacturing Organization) services to meet specific customer requirements, including a range of sizes, colors, and customized release profiles.

The launch of EUDRACAP® enteric produced under IPEC-GMP follows a series of product and technology innovations launched by the Health Care business of Evonik over the past few years. In 2020, Evonik launched EUDRATEC® Fasteric, an advanced oral drug delivery technology that provides enteric protection and effective targeting of the upper small intestine which was followed earlier this year by the launch of EUDRATEC® SoluFlow, a solubility enhancement process technology.

Evonik Health Care is one of the world's leading CDMOs for complex oral and parenteral drug products that require advanced delivery solutions. It is also one of the world's largest suppliers of cell culture ingredients, medical device excipients and a leading global CDMO for APIs, HPAPIs and intermediates.

As part of Evonik's life sciences division, Nutrition & Care, Evonik Health Care plays a key role in fulfilling the division's goal to increase its share of System Solutions from 20 percent today to more than 50 percent by 2030.

Source : Evonik

**TRIS PHARMA
ANNOUNCES
PUBLICATION OF
STUDY RESULTS**



HIGHLIGHTING THE EFFICACY AND SAFETY OF DYANAVEL® XR (AMPHETAMINE) TABLETS FOR THE TREATMENT OF THE SYMPTOMS OF ADHD IN ADULTS

- Tris announces the publication of a Randomized, Double-Blind, Placebo-Controlled, Fixed-Dose Study of DYANAVEL XR Tablets in Adults with ADHD in the Journal of Clinical Psychiatry. The article can be found here.
- The study demonstrated that DYANAVEL XR tablets are an effective and well-tolerated treatment for the symptoms of ADHD in adults.
- These results build on previous clinical results in pediatric patients demonstrating efficacy with DYANAVEL XR oral suspension as early as 30 minutes after administration.

MONMOUTH JUNCTION, N.J., July 22, 2022 /PRNewswire/ -- Tris Pharma, Inc. ("Tris"), a fully integrated pharmaceutical company with a robust portfolio of CNS products announced the publication of a Phase 3 study in the Journal of Clinical Psychiatry that demonstrated that adult patients with ADHD who took DYANAVEL XR (amphetamine) tablets CII had statistically significant improvement in symptoms over patients who took placebo.

The study was a Phase 3, randomized, double-blind, placebo-controlled, fixed-dose study designed to assess the efficacy and safety of DYANAVEL XR tablets in adult patients with ADHD. The efficacy assessment included the admin-

istration of serial Permanent Product Measure of Performance (PERMP) tests pre-dose and at 0.5, 1, 2, 4, 8, 10, 12, 13, and 14 hours post dose. The mean PERMP Total (PERMP-T) score across all post dose time points – the primary efficacy endpoint – was statistically significantly higher in the DYANAVEL XR tablet group compared with placebo (302.8 vs 279.6; $p=0.0043$). Additionally, statistically significant improvements (increase) in PERMP-T scores were observed in the DYANAVEL XR tablet group at 0.5 hours ($p=0.01$), 1 hour ($p<0.001$), 2 hours ($p=0.0003$), 4 hours ($p=0.031$), 8 hours ($p=0.026$), and 13 hours ($p=0.006$) post dose compared with placebo. Numerical differences favoring the DYANAVEL XR tablet group were seen at the 10-, 12-, and 14-hour time points as well, however those differences were not statistically significant when compared to placebo. The most common adverse events included headache, decreased appetite, irritability, initial insomnia, insomnia, dry mouth, anxiety, dizziness, tachycardia, fatigue, and nausea. Most treatment-emergent AEs (TEAEs) were mild to moderate in severity, and no SAEs were reported during the study.

"The results of this study demonstrate the efficacy of the amphetamine extended-release tablet in the treatment of ADHD in adults," said Andrew J. Cutler, MD, Clinical Associate Professor of Psychiatry, SUNY Upstate Medical University and the principal investigator of the study. "When you look at the totality of the efficacy results, coupled with what we know about DYANA-

VEL XR pharmacokinetics and pharmacodynamics, you can see that the drug is working shortly after dosing, and is still providing efficacy 13 hours post dose."

DYANAVEL XR employs Tris's unique LiquiXR® platform technology, which allows immediate-release products to be transformed into products with both immediate-release and extended-release characteristics and permits once-daily dosing.

Source : PRNewswire

BREAKING THROUGH THE LIMITS OF TRADITIONAL DIAGNOSTICS -- THE BRAND NEW MUCAR CDE900

ONTARIO, Calif., July 22, 2022 / PRNewswire/ -- For technicians and DIYers, who love to repair and maintain vehicles by themselves, an effective device with excellent user experience is a necessity.

However, most of the traditional OBD devices on the market still stay in the very first place, which can only perform the basic functions with awful user experience.

After in-depth investigating, MUCAR brought out a comprehensive design on product positioning, using habits, software optimization, and operation experience, etc. To create a brand new product for our users: CDE900, to bring you higher efficiency and better diagnostic experience.



In the past, OBD devices only adopted physical buttons and ordinary LCD screen, which cannot be used after the buttons are damaged in the complex diagnostic environment. CDE900 optimizes this situation with all-round guarantee:

1. Adopted 4 inches capacitive touch screen, which maximized the proportion. Operating on the screen directly.
2. Keep the physical buttons, to ensure stable operation while using on it directly.

CDE900 adopts Color screen display with a new icon UI design to manage functions, which makes the function display more intuitive and vivid. Up to 120 data streams can be read at the same

time, no hiding for abnormal data of multidimensional data comparison.

MUCAR CDE900 supports 16 languages, optimizing communication protocol to cover vehicles after 1996. Added

ECM+SRS+TCM+ABS functions on the basis of the full function of OBD2 and EOBD2 when you need it, you can pay for the additional functions

anytime.

It also provides lifetime free OTA upgrade with WiFi function.

CDE900 adopts Android 6.0 intelligent system, the device runs faster with 2G memory, 16G storage, sup-

ports up to 256G expanded memory card. Equipped with 1500mAh capacity battery without OBD interface power supply, you can turn on the device to check the historical diagnosis report. It's ready for the next repair and maintenance anytime.

The product will be launched on all e-commerce platforms in August. If you are interested in, please stay tuned with us.

Source : PRNewswire



CHEMICAL TECHNOLOGY

MOOVE IS A PIONEER IN THE SECTOR USING MORE SUSTAINABLE PACKAGING FOR MARKETING LUBRICANTS

Moove, a global lubricants and base oils company, responsible for manufacturing and marketing MobilT lubricants, has been constantly evolving developing processes and initiatives that prioritize ESG assumptions and commitments. In line with the purpose of "Moving people and businesses in the right way for everyone", the company considers environmental aspects in all stages of its production processes and

now presents a new technology for its 20 liter bottle, which becomes produced with Braskem's post-consumer recycled resin. This initiative contributes to the reduction of plastics in the environment and guarantees the completeness and quality of the product and packaging.

Post-consumer recycled resin, known as PCR resin (post-consumer recycled), is produced from plastic waste that is properly discarded and sent to the recycling process. A pioneer in the use of this raw material in lubricant packaging, Moove joined forces with Braskem, the largest producer of thermoplastic resins in the Americas, and Raízes, a national company that manufactures bottles, to



generate positive impacts on economic and sustainable aspects through this innovation. . "The 20-liter canister is produced with 40% PCR resin. The use of this plastic resulted in a 6% decrease in Moove's total consumption of virgin plastic", explains Marília Goldschmidt, Marketing Manager for the MobilT brand.

The use of post-consumer recycled resins contributes significantly to the reduction of waste in the environment. Starting to use PCR in the second quarter of 2022, it is estimated to reach approximately 500 tons of recycled plastic this year. The plastic used in this technology comes directly from the Jogue Limpo Institute - an association of man-



ufacturers or importers of lubricating oil that performs the reverse logistics of used plastic packaging - thus closing the cycle of this product.

At Braskem, the project is also recognized as an action of great importance for the company, which, like Moove, is dedicated daily to building a more sustainable future. "This project reinforces Braskem's commitment to sustainable development, in addition to demonstrating the quality and diversity of applications of our PCR. We are proud to promote partnerships with companies from numerous segments, uniting several links in the production chain and closing the cycle of the economy circular", says Américo Bartilotti, director of the packaging and consumer goods business at Braskem.

To place the new 20-liter canisters on the streets, Moove relied on the experience of Raízes, responsible for transforming Braskem's PCR resin into the first canister with recycled material on the domestic market, through the use of multilayer technology, which intersperses independent layers of virgin material and PCR in the same product. To ensure total customer satisfaction, tests were carried out on the filling line, stacking, storage and long-distance shipping, all of which were carefully and successfully approved by Moove's quality department, accompanied by Raízes.

Moove continues to test new bottles and jars and this is another step that the company is taking, following its commitment to keep sustainable practices active in all its processes. In 2005, the company was the pioneer in launching the "Intelligent Exchange". The use of bulk lubricants provides many advantages ranging from economy to environmental protection. Since its launch, the disposal of millions of plastic packaging has already been avoided. In addition, the main products of the MobilT brand,

such as the product line for Mobil DelvacT trucks, the preferred brand for truck drivers, are now investing in this recycled packaging technology.

Source : Braskem

COMMITTED TO THE ELIMINATION OF PLASTIC WASTE, BRASKEM DEVELOPS INNOVATIVE TECHNOLOGY FOR ADVANCED RECYCLING

In order to reinforce its global commitment to sustainable development, in particular its goals for eliminating plastic waste and fighting climate change, Braskem SA (B3: BRKM3, BRKM5 and BRKM6; NYSE: BAK; LATIBEX: XBRK) ("Braskem"), a market leader and pioneer in the production of biopolymers on an industrial scale, announces that it is developing an innovative, state-of-the-art technology for recycling plastic waste. The process, which uses a unique catalyst and incorporates efficient heat management, reduces the need for external energy sources. The result is a significant reduction in CO₂e emissions compared to traditional and existing advanced recycling technologies.

According to Jan Kalfus, global manager of Bioprocess Catalysis and Circularity at Braskem, the idea of this unique technology emerged in early 2020, in the United States, however, its use should not be limited to the country. "The launch will be global, as opportunities arise. We want to develop a new way to drive advanced recycling, a process that transforms plastic waste into basic chemicals, such as propylene and ethylene, used to manufacture new plastic or chemical products from the circular process. , thus reducing plastic

waste and the need for fossil fuels in the world", he explains.

The project demonstrated high yield for the development of chemical intermediates - such as aromatics and monomers -, which can be used to produce plastics, contributing to the circular process. "Today, the technology is being developed and we are scaling up our reactor, which will provide important data in support of our future expansion. The pilot project is planned for 2025, and the technology should be available at scale by 2030", says Kalfus.

In Braskem's new technology, the catalyst acts like a pair of scissors, which breaks plastic waste into basic chemicals, which are then used to produce the plastics present in various items of our daily lives. These basic chemicals, also known as monomers, can be used directly in industries to produce new plastics from recycled materials. The product resulting from this process is equivalent to conventional plastic, of fossil origin, and fully recyclable.

"For now, the main benefits of this new technology are the ability to efficiently produce plastic from the circular process and reduce CO₂e emissions due to low energy requirements. In the long term, it could replace techniques currently used in the industry. for plastic production, offering a circular future for the next generation of professionals and society", he concludes.

Source : Braskem



SOLVAY DEVELOPS INDUSTRY-FIRST SPECIALIZED UV-C STABILIZERS FOR THE PROTECTION OF POLYOLEFIN SURFACES

Solvay, a global market leader in specialty materials, has announced the development of an innovative new portfolio of UV-C stabilizers. They are designed for use in demanding hygiene applications, where polyolefin surfaces are treated with ultra-violet (UV) light of the UV-C spectrum (200-280 nm) to fight against COVID and hospital-acquired infections. The new proprietary stabilization technology represents an important milestone for the polyolefin industry, as it is the first to address the risk of polyolefin degradation, discoloration and micro-crack formation, which is caused by frequent exposure to UV-C irradiation.



"Healthcare and other markets, such as aerospace and shared mobility, are increasingly using UV-C light to disinfect high-contact surfaces in an effort to combat pathogens, including coronaviruses," says Sophie Poelmans, Global Marketing Manager for Polymer Additives at Solvay Materials. "Our new UV-C stabilization technology helps end users achieve effective UV-C disinfection levels on surfaces made from polyolefins without compromising the performance of the material."

UV-C radiation can deactivate microorganisms and has been scientifically proven

to be effective against coronaviruses. However, the proven germicidal action of UV-C also exposes the treated surfaces to much higher ultraviolet energy than that covered by traditional UV-A and UV-B stabilizers, resulting in the potential for faster material degradation. Solvay, a member of the International Ultraviolet Association (IUVA), has leveraged its extensive expertise in polymer additives to develop a technology that is purpose-engineered to enable the use of UV-C light as an anti-microbial disinfectant on polyolefin surfaces, while safely protecting them against UV-C induced degradation.

Solvay's new UV-C stabilization technology is targeted at a wide range of polyolefin applications, including medical equipment in operation and patient rooms, aircraft and shared vehicle interiors, and sporting venues.

Source : Solvay

ONTOP COSMETICS IS FIRST CHINESE BEAUTY BRAND TO

LAUNCH SUSTAINABLE COSMETIC PACKAGING MADE WITH EASTMAN CRISTAL™ RENEW COPOLYESTER

Kingsport, Tenn., July 21, 2022 — onTop cosmetics has launched its Renewal Oil Cream, the first of its four core facial cream products to feature packaging made from Eastman Cristal™ Renew copolyester with 50% certified recycled content.* onTop cosmetics is the first Chinese beauty brand to use Cristal Renew, a sustainable resin powered by Eastman's molecular recycling technologies. This industry-leading skin care packaging is the result of the close collaboration between onTop's value chain partners — WWP Beauty and molecular recycling pioneer Eastman.

"onTop strives for light packaging, which is part of the attitude toward sustainability," said Emma Ni, onTop CEO. "We actively seek out light, beautiful and eco-friendly solutions for formulas and packaging. Based on this mission, we chose to make sustainable packaging out of Eastman Cristal Renew for our newly launched cream product. Our efforts, however small, are aimed at reducing consumption and environmental impact and finally making the earth 'lighter.'"



onTop worked with WWP Beauty to develop the primary packaging for version 2.0 of their Renewal Oil Cream, recognized by Mintel as an "Innovative Product" in January 2022. Mintel cites the product's oil-cream texture that enables the addition of lipids such as ceramide 2, phytosterols and fatty acids to nourish skin. The formulation also utilizes Topnatrol, a patented emulsifying technology based on natural active ingredients rather than synthetic emulsifiers.

For the onTop Renewal Oil Cream, WWP Beauty saw an opportunity to design packaging as innovative as the product inside. They were looking for sustainable packaging that would take their skin care product to the next level. Eastman's Cristal Renew, made with molecular recycling technology that uses plastic waste as feedstock instead of fossil resources, fit the bill. These technologies break down plastic waste to its fundamental building blocks and use them to create new, high-performance materials. As a result, Cristal Renew offers brands the same level of performance and design freedom they have come to expect from Eastman's resins for luxury cosmetic packaging. It also delivers significant environmental benefits, including landfill diversion and reduced greenhouse gas emissions.

For WWP Beauty, the collaboration with Eastman and onTop provided a platform to demonstrate how they can help their customers harness the latest material innovations to elevate the sustainability of their products.

"Working with customers to create a space where we can bring sustainable, innovative beauty products to customers on a global scale is at the heart of what we do," said WWP CEO Jennifer Adams. "This collaboration with onTop and Eastman is a landmark step for WWP Beauty in our journey to advance sustainability in the beauty industry."

The recycled content in Eastman Renew products carries International Sustain-

ability & Carbon Certification (ISCC Plus), providing brands with the transparency and trustworthiness that come from independent, third-party verification of recycled content claims.

"We are excited to be part of this product launch with onTop and WWP Beauty and thrilled to see how Cristal Renew is enhancing the sustainability of such an innovative product," said Tara Cary, cosmetics and personal care packaging market manager for Eastman. "In introducing their Renewal Oil Cream to the market, onTop is leading the industry in sustainability for Chinese consumers."

Source : Eastman

DURABIO™, A PLANT-BASED BIO ENGINEERING PLASTIC WITH EXCELLENT SCRATCH RESISTANCE, HAS BEEN ADOPTED FOR THE INDUSTRY'S FIRST BIOMASS HELMET

The Mitsubishi Chemical Group (MCG) hereby announces that



MCG's bio-based engineering plastic, DURABIO™, has been adopted for the entire body of the biomass plastic helmet "pervio® BP" manufactured by Starlite Co., Ltd. (Starlite; Head office:

Osaka City, Osaka Prefecture; President: Takashi Saigo). This product has been sold by Starlite since June 1, 2022.

"DURABIO™" is a bio-based engineering plastic made from the renewable plant-derived raw material "isosorbide." It has better performance than any other common engineering plastic typically used for helmets in terms of scratch resistance, good coloring, realizing a glossy surface, etc. These excellent characteristics were fully evaluated, and for the first time, the material was adopted as plant-based plastic for helmets. The material has been adopted for the body and peak of the helmet "pervio® BP" sold by Starlite, which is the first helmet to receive a biomass plastic mark.

The use of biomass plastic made from plant-based materials such as "DURABIO™" can reduce the consumption of petroleum, which is an exhaustible resource, and can also contribute to the reduction of greenhouse gases that are said to be the cause of global warming, since the plant that makes the raw material absorbs carbon dioxide during the growth process. MCG will continue to focus on the development of "DURABIO™" toward the realization of carbon neutrality.

Source : Mitsubishi Chemical



DKSH AND CQV ENTER EXCLUSIVE DISTRIBUTION AGREEMENT FOR THE UK AND IRELAND

DKSH has expanded its distribution agreement with CQV, a leading South Korean provider of effect pigments, for the UK and Ireland.

London, UK, July 18, 2022 – DKSH's Business Unit Performance Materials, a leading distributor of specialty chemicals and ingredients, will provide business development, marketing, sales, logistics, and distribution services for CQV's effect pigment range for the specialty chemicals industry.

CQV is a leading premium company, providing high-quality effect pigments for all kind of applications in thermoplastics, paints, coatings, and inks.

CQV pearlescent pigments are composed of thin platelets of a substrate (natural mica, synthetic mica, glass-flake, or alumina), thinly coated with a high refractive index metal oxide (mainly TiO₂ and/or Fe₂O₃). By varying the thickness of the metal oxide layer, color is created through the separation of incident light into its component wavelengths. CQV pearlescent pigments provide high chroma and luster as well as better whiteness and color clearness. CQV's portfolio also includes Optically Variable Pigments (OVP) that change the color depending on the angle.

CQV's newest colored aluminium pig-

ments (Stellar) are composed of silver-dollar aluminum flakes coated with Fe₂O₃ that offer higher hiding power as well as cleaner and more chromatic/vivid colors in gold, orange, and red metallic shades.

YG Byun, Marketing & Sales Managing Director, CQV, commented: "CQV has a diverse portfolio of unique products suitable for wide applications and provides high-quality and differentiated value to customers. We are pleased to expand our area with DKSH as a partner who has a well-established global network and provides excel-



lent technical service. Together with DKSH, we will offer a total solutions package,

combining the best quality effect pigments with the highest level of technical service."

Sylvain Atger, Director, Specialty Chemicals Industry Europe, DKSH, added: "We are very pleased to build on our successful partnership with CQV in France, Germany, Italy, and Switzerland, by driving the expansion of CQV's product portfolio in the UK and Ireland. Our large customer base of manufactur-

ers in the British Isles will immediately benefit from CQV's excellent range of pigments."

Source : DKSH

ARKEMA TO ACQUIRE POLIMEROS ESPECIALES, A LEADING EMULSION RESINS PRODUCER IN MEXICO

The planned acquisition of this leading player in solvent-free waterborne acrylic resins will strengthen Arkema's position in this fast-growing region.

Polimeros Especiales is a well-established privately owned Mexican company producing high performance waterborne resins for a broad range of applications in markets such as architectural and decorative paints, textiles, pressure sensitive adhesives and construction. The company has become a key manufacturer of emulsions in the region, achieving sales of around US\$40 million in 2021 and employing 230 people.

This planned acquisition is fully in line with Arkema's strategy to expand its Coating Solutions segment in growing markets and in low-volatile organic compound solutions. Waterborne is one of Arkema's key solventfree technologies, together with powder,



ultraviolet/light emitting diode/electron beam and high-solid systems.

According to Manuel Garcia, General Manager of Arkema in Mexico: "Thanks to Polimeros Especiales, Arkema will develop new positions in the Mexican market, which is experiencing robust growth. The acquisition will ensure continuous strong support to our customers and will enable Arkema to broaden its product offering locally".

"We welcome the addition of Polimeros Especiales and its teams to the Group as this leading company has developed strong customer proximity and technical know-how. Its solid manufacturing assets and logistics platform will strengthen our expertise and quality of service in the region" said Neil Tariq, Global Business Director, Arkema Coating Resins.

The Directors of Polimeros Especiales, added, "We are proud to be joining forces with Arkema and together, we will further develop innovative waterborne solutions for more sustainable resin offerings in the dynamic American market."

Source : Arkema

SOLVAY TO BUILD NEW ELECTRONIC-GRADE HYDROGEN PEROXIDE FACILITY FOR THE U.S. SEMICONDUCTOR MARKET

New high-purity electronic grade hydrogen peroxide facility in Arizona will be fully powered using renewable electricity

Solvay has announced its plans to invest in a new facility to produce electronic grade hydrogen peroxide (eH₂O₂) in Casa Grande, Arizona, to supply the growing U.S. semiconductor manufacturing market. The facility will convert hydrogen peroxide into an ultra-high purity grade to clean silicon wafers that are needed to manufacture semiconductors, essential components of electronic devices.

In addition to being the leading global producer and supplier of hydrogen peroxide solutions, Solvay is also a technology leader in the production and distribution of eH₂O₂. The new facility will be Solvay's seventh eH₂O₂ unit. With a strong H₂O₂ presence in the area, Solvay materials provide the highest quality product for the latest semiconductor fabrication needs.

"This investment will grow our presence in the North American semiconductor market", says Ilham Kadri, CEO of Solvay. "The new facility will help us to further tap into increasing demand from the domestic electronic industry, and our local customers will likewise gain even better access to our products and services. This will help us meet their increasing demand for chemicals that are essential for cleaning and etching large scale integrated circuits and semiconductors."

"Pinal County is pleased to welcome Solvay and its significant investment and well-paying jobs to our region," said Chairman of the Board of Supervisors Jeffrey McClure. "The company's future

operations will support Arizona's expanding semiconductor industry and the future demand for their products. We are happy to be partnering with the company to help prepare our workforce for these jobs, and we wish them great success going forward."

"Solvay's sustainable chemical manufacturing facility is a valued addition to Arizona's semiconductor industry," said Sandra Watson, President and CEO of the Arizona Commerce Authority. "The new facility will manufacture critical components for chip production while bolstering Arizona's semiconductor supply chain even further. We're grateful for Solvay's commitment to Arizona and look forward to supporting their future success in Casa Grande."

Solvay purchased 25 acres of greenfield land within Casa Grande's Central Arizona Commerce Park and construction of the first production line is scheduled to begin in 2023 with future expansions to be built as needed to support customer demand. The facility will create 30 full-time positions and Solvay expects to invest more than \$3 million per year on wages, maintenance and upgrades, employee training, taxes and other expenditures that benefit local businesses and the community.

Solvay's new facility will be fully powered using renewable electricity, in line with the company's Solvay One Planet sustainability roadmap. Production equipment will be housed within an enclosed climate-controlled building using safe and proven technology already in use at other Solvay locations worldwide – including its site near Houston, Texas.

Source : Solvay



AIR LIQUIDE LAUNCHES ITS BIOMETHANE ACTIVITY IN CHINA

Air Liquide invested and will operate its first biomethane production unit in China by the end of 2022. Located in Huai'an City, in the Jiangsu Province, the unit will have a production capacity of 75 GWh per year. This project demonstrates a circular economy and low-carbon approach, in line with the Group's Sustainable Objectives and strategic plan ADVANCE.

This new unit will produce biogas from agricultural and livestock waste coming from local farms and purify it into biomethane. With a total production capacity of 75 GWh/y, the unit will inject the biomethane into the city gas grid to be used for household consumption and also generate electricity for its own consumption and injection into the electrical grid.

The biomethane unit will follow a circular economy approach. The digestate, a byproduct material resulting from the biogas production, will be processed to produce bio-fertilizers. These bio-fertilizers will be used in the local agriculture, which, besides food products, will also generate some waste that will be processed in this unit to produce biomethane.

Biomethane has a high potential in China in particular as the Chinese government supports projects promoting the valorization of waste as part of its financial plans for the development of rural regions.

Air Liquide has developed competencies throughout the whole biomethane value chain, starting with biogas pro-

duction from waste, to its purification into biomethane, liquefaction, storage, and transportation to distribution. Air Liquide now has 21 biomethane operational production units in the world for a yearly production capacity of about 1.4 TWh.



Emilie Mouren-Renouard, Member of the Air Liquide Executive Committee, supervising Innovation and Development, said: "We are pleased to start this first biomethane project in China, a dynamic market, and to continue expanding this activity with our partners in key countries. Biomethane follows a circular economy approach and contributes to the reduction of CO2 emissions, thus to the development of a low-carbon society. This investment is in line with the priorities of our strategic plan ADVANCE for 2025, which links inseparable growth and sustainable future."

Source : Air Liquide

UMICORE PREPARES TO CONSTRUCT FIRST-OF-ITS-KIND BATTERY MATERIALS PRODUCTION PLANT IN CANADA

Umicore plans to construct a manufacturing facility for cathode active battery materials (CAM) and their precursor materials (pCAM) in Ontario, Canada. For Umicore this investment represents the final step in establishing

a truly global production presence with battery material value chains that are regionally fully integrated to support its customers in their fast transformation towards sustainable electric mobility.

The planned facility would be the first of its kind in North America, combining cathode and precursor materials manufacturing at a large industrial scale and thereby completing the missing link in Canada's battery value chain, from natural resources to electric mobility. Umicore is in negotiations with several potential customers for production contracts in North America. This will form the basis for Umicore's investment decision and underlines its commitment to value creative returns.



Today, Umicore and the Government of Canada have signed a Memorandum of Understanding (MoU) to finalize the support application of the project under the Strategic Innovation Fund. This MoU follows a recently signed agreement with Loyalist Township to secure a plot of land of about 350 acres in Loyalist, Ontario, to this effect. The location, in the center of Canada's automotive eco-system, offers critical advantages such as access to a highly skilled workforce, key infrastructure and renewable energy, which the new plant will be running on 100% from start of production.

Umicore is targeting to start construction in 2023 and operations at the end of 2025 with the potential to reach by the end of the decade an annual production capacity capable of powering approximately one million EVs.



Umicore will also explore opportunities for metals refining and battery recycling in North America, to offer its customers in the region secure and circular access to critical battery materials and - in line with its earlier announced ambition to establish a regional presence in North America - across the CAM value chain.

Source : Umicore

WACKER PRESENTS SELF-ADHESIVE LIQUID SILICONE RUBBER FOR POLYCARBONATE

Munich, Jul 29, 2022 WACKER will be premiering its novel ELASTOSIL® LR 3078 product series at K 2022 International Trade Fair for Plastics and Rubber. These self-adhesive liquid silicone rubber grades cure extremely fast and establish a firm bond with the thermoplastic polycarbonate without the need to pretreat its surface. ELASTOSIL® LR 3078 was designed for two-component injection molding and enables cost-effective large-scale production of multicomponent parts, such as those needed in medical technology and the automotive industry. This year's K show will take place in Düsseldorf, Germany, from October 19 to 26.

With ELASTOSIL® LR 3078, WACKER is expanding its portfolio of self-adhesive liquid silicone rubber with a product line that adheres specifically to polycarbonate. The grades in this series are formulated in such a way that, as they cure, chemical adhesion builds up to the substrate, but not to the injection mold-

ing tool. To this end, WACKER uses a newly developed and patented self-adhesive technology that does not contain any bisphenol A structures. By eliminating this substance class, the company increases occupational safety and contributes to consumer protection.

All grades of the new product line can be easily processed by two-component injection molding. They do not contain any substances that could result in solid deposits forming in the mold during processing. This ensures that the injection molding machine runs without interruptions.

Thanks to the fast curing of the new liquid silicone rubber grades, injection molding cycle times are very short. In addition, devices with complicated geometric shapes can be produced with high precision and without the need for secondary finishing. ELASTOSIL® LR 3078 thus opens the way for further miniaturization of polycarbonate-silicone hybrid parts and for completely new product designs.



The ELASTOSIL® LR 3078 product line comprises the hardness grades 20 to 70 Shore A and thus covers the entire hardness range that is important for the soft component of hybrid parts. All grades are translucent and can be colored as desired. The cured products are characterized by very good mechanical proper-

ties. They achieve a very low compression set. This is ideal for sealing applications. When relaxed after being compressed at high temperatures, a part molded with ELASTOSIL® LR 3078 will only show a small amount of deformation remains thanks to the material's elasticity. Sealing lips made of ELASTOSIL® LR 3078 therefore retain their function over the long term.

Cured ELASTOSIL® LR 3078 products have passed selected tests for biocompatibility according to ISO 10993 and US Pharmacopeia Chapter <88>, Class VI. They can also be steam-ster-

ilized repeatedly at 134 degrees Celsius with no loss of mechanical properties or adhesion to polycarbonate. The new liquid silicones are therefore also suitable for manufacturing two-component parts for medical devices.

ELASTOSIL® LR 3078 can be used in all industrial sectors. Applications range from transparent covers as needed in motor vehicles, to housing covers for household appliances, to systems for medical diagnostics, automated drug delivery and minimally invasive diagnostic and surgical techniques.

Source : Wacker



Massive New Chinese Wastewater Treatment Plant Employs Toray Membrane Modules

Tokyo, Japan, July 19, 2022 – Toray Industries, Inc., announced today that an advanced facility that went on line at the Yindingzhuang Wastewater Treatment Plant in July this year employs the company's hollow fiber ultrafiltration membrane modules. This advanced facility in Baoding, Hebei Province, is one of the largest in China using such modules, with a daily treatment capacity of 315,000 cubic meters.

Beijing-based Toray Bluestar Membrane Co., Ltd., is supplying and providing technical services for these modules at the facility. Toray will help China enhance its aquatic environment and resolve water shortages by offering products and technical support through that subsidiary.

China built the new facility as part of a key public project to safeguard the ecology of Baiyangdian, a freshwater lake near Xiong'an New Area, a fast-expanding development hub.

China is raising its waste water treatment standards in keeping with increasingly strict environmental regulations. Switching to an advanced process employing ultrafiltration membrane modules became imperative in view of a common activated sludge process failing to match the government's latest water quality standards.

Toray's membrane modules employ polyvinylidene fluoride, a non-reactive thermoplastic fluoropolymer with outstanding high

chemical and physical stability. The company applied a proprietary manufacturing technique to create a composite membrane structure that ensures high water permeability and minimal fouling. The membrane module pore size of 0.01 microns is smaller than those of rival offerings, significantly enhancing the quality of filtered water. China chose Toray's modules for this public project on the strength of their exceptional reliability, lower running costs from less frequent chemical scrubbing, and results that surpass water quality standards.

The Chinese government's 14th Five-Year Plan for Circular Economy Development has fueled demand for membrane modules to help combat water pollution. Toray can cater to such demand by drawing on the capabilities

of Toray Bluestar Membrane, as well as of two other local subsidiaries. The first is Toray Membrane (Foshan) Co., Ltd., which manufactures water treatment membranes and products in Foshan, Guangdong Province. The second is Toray Advanced Materials Research Laboratories (China) Co., Ltd., in Shanghai. Toray Group units will keep collaborating to help China resolve its water issues by providing products and services that match the requirements of local customers.

Providing access to clean water is pivotal to The Toray Group Sustainability Vision, representing a roadmap to the World as Envisioned by Toray Group in 2050 and embodying



Toray Vision 2030, through which the Group seeks to achieve sound, sustainable growth. The company will do its utmost to help reach Sustainable Development

Goals and other global objectives by providing superior technology and water treatment membrane products.

Source : Toray

VIEWS AND STATEMENTS



"Canada and the Ontario province have all it takes for Umicore to establish a full-fledged, sustainable supply chain for battery materials, all the way from the mine right to the end-market of electric vehicles. Once the key customer contracts are in place, this expansion in North America would complete our global rollout of regional supply chains for our automotive and battery cell customers to now three continents."

- Mathias Miedreich, CEO of Umicore

"Companies around the world are under pressure to reduce carbon emissions and meet net zero targets, Creating strategic partnerships allows us to offer our customers rounded and complete solutions. By working together with ClimeCo, we will enable industries such as chemicals and refining, who rely on syngas, to quickly understand the regulatory frameworks, accelerate capital decisions for decarbonisation programmes and easily deploy proven technology solutions that can have an impact today, to create a cleaner world."



- Jane Toogood, Catalyst Technologies Chief Executive at JM



"Johnson Matthey has a long heritage in China. We are China's leading auto catalyst producer, one of the largest platinum group metals refiners, a leading player across syngas and hydrogen fuel cells, and the first commercial scale MEA producer in China. Some of the world's biggest companies already rely on our technologies, and we are very excited to explore how we can work with Sinopec to expand our businesses whilst creating and scaling the low carbon solutions that help China achieve carbon neutrality by 2060."

- Dr Mark Su, Johnson Matthey's China President

"Partnering with HolyGrail 2.0 demonstrates our commitment to taking action across the value chain, to create a more sustainable future. It fits perfectly with the INEOS goal to increase recycling rates and the use of recycled materials back into everyday products. This is an exciting next step on our path to full packaging circularity. Plastics are essential to our everyday lives. They keep our food fresh and safe to eat, and help us produce other day-to-day items, like our phones and our televisions. But we recognise and share people's concerns - working together we can make the plastic economy more circular, and help to reduce plastic waste."



- Rob Ingram, CEO, INEOS Olefins and Polymers North



"It was the first time that we have been working with LyondellBasell on the development of a new product, and we were impressed by the material and compounding experience of their teams, The plastic material which we selected for the footbed ticked all boxes. We were looking for a product in deep black color which is currently in demand in snowshoe design. Our experts tested the prototypes in real life, rough conditions and it passed all tests without any issues. In addition, it was astonishingly easy to process which was of course a delight for our manufacturing teams."

- Yoan Bibollet, Head of Development at TSL



VIEWS AND STATEMENTS



“This is an important step forward in using innovation to advance the circular packaging economy without compromising performance, Brands are actively seeking solutions to help them advance their sustainability initiatives and our AD CleanFlake™ Portfolio significantly expands the applications for this groundbreaking technology.”

- Pascale Wautelet, Vice President Global R&D, Avery Dennison Label and Graphic Materials.



“The challenge was to find the best combination of renewable and recycled content that maintains product quality and the production efficiency already enjoyed by Essity. We tested several options until we found the most suitable solution. Working in collaboration with Essity and Dow validates our EcoSolutions approach; we go back to the start and ask the right questions to ensure we create the best possible solution for our customers.”

-Marjo Kuisma, Regional Sales Consumer Flexibles, Mondi



“At BRITA, we constantly look for ways to make our products more sustainable. Hence, we are happy that the new ECO materials for our jugs help us achieve one of our key sustainability goals – to reduce our dependence on fossil-based plastics. They also contribute to further decrease the carbon footprint of some of our key products and help us achieve our strategic goal of shaping sustainable solutions. That the materials are also ISCC plus certified is a great value-add in our consumer communication.”

-Meike Rapp, Sustainability Manager for the BRITA Group



“This is a fantastic example of how our EcoSolutions approach can work for customers in a wide range of industries, and we are delighted to make our first foray into bike packaging with our Protector Bags. Diamant’s bikes need to be protected from scratches during transport. While the previous plastic bubble wrap protected the product, Diamant was looking for packaging made from paper. By going onto the factory floor and assessing all areas of manufacturing, storage and transportation, we were able to develop a bespoke version of our existing Protector Bags, which are easily sealed on site, provide all the protection needed, save the customer money and help them achieve their sustainability goals.”

“Nadja Nickel, Sales Manager Protector Bags, Mondi



“Safety shoe wearers can be on their feet more than 10 hours a day. This exerts significant pressure on their feet, legs, joints, and lower back. Infinergy is well-known for its robust properties in safety footwear and will no doubt benefit consumers in the Australian safety footwear market, including tradespeople, construction workers, miners, and logistics staff such as warehouse and transport workers.”

- Adrian Blandford, Global Range Manager (Work & Safety), Blundstone Australia.



Domo Chemicals Announces Stronger Sustainability Targets for People and the Planet

- Focus on decarbonization, renewable energy and sustainable polyamide solutions
- Targets include commitment to 40% reduction in greenhouse gas emissions by 2030 and climate neutrality by 2050
- Targets will help meet increasing drive towards circular plastics economy
- First sustainability report released today, highlighting journey over the last year

Ghent, July 13, 2022 - DOMO Chemicals has announced ambitious new sustainability targets, accelerating the group's strategy to be recognized as an industry leader in sustainable development.

At the center of DOMO's new sustainability strategy is a commitment to:

- Reduce scope 1 and 2 greenhouse gas (GHG) emissions by 40% by 2030 and 80% by 2040 vs. 2019, with a climate neutrality target by 2050
- Increase electricity from renewable sources to 50% by 2030 and 100% by 2040 against a 2019 baseline of 4%
- Double the share of circular products in Engineered Materials sales by 2030 from today's 10% baseline

DOMO has already made significant progress towards the first two targets, reducing CO2 emissions from 400 kilotons in 2019 to 350 kilotons today, and increasing its electricity from renewable sources from 4% in 2019 to 10% today.

DOMO's new targets demonstrate the company's commitment to proactively

drive climate protection and a circular economy along the entire value chain, making a significant contribution to the chemical industry's ambitions to achieve global CO2 reductions.

"Sustainability is at the core of our corporate strategy and the center of our mission and vision," said Yves Bonte, Chief Executive Officer. "Following our customers' feedback on sustainability targets, DOMO is taking the initiative to lead in sustainability. In very close partnership with our customers, suppliers, and society, we aim to become a benchmark for sustainable development and social responsibility. Ultimately, we want to be recognized among the best in our industry by 2030," he added.

Ambitious GHG emissions reductions

DOMO will achieve GHG emissions reductions through various initiatives that include partnerships, new recycling technologies, and significant investment in feedstock availability. DOMO will invest in energy efficiency and renewable energy while waste fuels and biomass improvements will complete the CO2 reduction plan.

In recycling, DOMO is aiming for process improvements with its "Move4Earth" feedstock, including dissolving technologies, chemical recycling, and recycling from production waste. Further details will be announced at K 2022 in October. DOMO's low carbon footprint solutions, including the TECHNYL® 4EARTH® brand with industry-leading recycling technology, all contribute to its customers' CO2 reduction ambitions.

DOMO Beyond: The strategic component

DOMO Beyond is the company's stra-

tegic sustainability management system that outlines DOMO's ambition and sustainable development approach. It includes concrete mid- and long-term actions for key stakeholders – Planet, Employees, Communities, Investors, Suppliers, and Customers. It also comprises its system of governance as well as annual performance measurements.

"We are fully committed to deliver on those ambitious objectives," said Wilfred Debus, Chief Corporate Development Officer. "We will succeed together with strategic partners jointly committed to the same ambitious targets as us. We aim to co-create future sustainable ecosystems in polyamide recycling as well as innovative decarbonized processing routes," he added.

The revised targets will help DOMO contribute to the UN Sustainable Development Goals, supported by governance to ensure its people, planet and performance objectives are met. DOMO's sustainability governance and resource system, as well as dedicated processes for regular self-assessment and transparent reporting, complement the company's commitment to engaging with all stakeholders.

Taking Action: First Sustainability Report

Today, on July 13th, DOMO releases its first sustainability report covering



the 2021 reporting year, underscoring the priority of the company's investment in this area. This sets the baseline for a series of annual reports in which DOMO will communicate its progress and milestones towards industry sustainability leadership by 2030. Highlighting DOMO's journey



over the past year, the report showcases its current engagement and plans for the aggressive targets and long-term ambitions in the challenging areas of Planet Care, Responsible Employer, and being a Partner of Choice. The full report can be accessed directly through sustainabilityreport.domochemicals.com.

The recent "HyDom"

project with Hynamics, an EDF Group subsidiary, sets the stage for DOMO's sustainable energy plans as it swiftly takes action to achieve zero-carbon for 100% of the hydrogen used at the Belle-Étoile industrial site, in Saint-Fons, France. In addition, DOMO will announce its first Group EcoVadis rating in autumn, expecting to achieve a rating within the industry's standards.

Source : Chemical Market

Archroma Releases Its Color Atlas Online Library for Open Access In Design Software for Fashion Apparel and Textiles

Pratteln, Switzerland, 20 July 2022 - Archroma, a global leader in specialty chemicals towards sustainable solutions, today announced that the 5'760 color references of its Color Atlas library will be available in ASE file format for open access to the users of most design software for fashion, apparel, and textiles. With this, designers and stylists are given open access to the largest library of colors for cotton and polyester.

ASE or .ase (for Adobe Swatch Exchange) files are used to upload, share and access colors through the swatch palette of design software such as Photoshop, Illustrator and most CAD (Computer-aided design) systems.

The Color Atlas by Archroma® was launched in 2016 to provide fashion designers and stylists with off-the-shelf color inspiration that can be implemented in production with just a few clicks.

The Color Atlas continues to evolve in line with Archroma's commitment to sustainability through innovation. The company describes its approach as "The

Archroma Way to a sustainable world: safe, efficient, enhanced, it's our nature".

All color references available in the Color Atlas have been formulated with products that comply with leading international eco-standards, and can be selected based on the desired sustainability profile.

Each color from the Color Atlas by Archroma® is available for purchase from Archroma as a physical color standard that includes precise digital data and access to global dyeing technical support.

The Color Atlas library in ASE file can

be downloaded here: <https://www.archroma.com/tools-services/the-color-atlas-by-archroma>.



"We are proud to open our vast online collections of colors to brands, designers and mills, and thus help them create clothes and articles that are both desirable and sustainable," says Chris

Hipps, Head of Color Management Services, at the Archroma Brand Studio. "With the Color Atlas by Archroma®, they can finally dream of a color, find it quickly within their design software and then specify it with the confidence that their design intent will be executed swiftly and reliably in their global supply chains."

Source : Chemical Market



Johnson Matthey Launches UK-China Low Carbon Research Consortium Accelerating a Green Future in China

Johnson Matthey, (JM), a global leader in sustainable technologies, launches a UK-China research consortium to help accelerate China's low carbon goals. JM, in collaboration with Fudan University, Hong Kong Polytechnic University, Xiamen University, and Oxford University will work together on scientific research focussed on how CO₂ can be used in green bulk chemicals production.

One of the first projects, over the next four years, will look at formic acid, which has the potential to build a cleaner and healthier world by incorporating green hydrogen and above ground carbon into chemicals.

Each member of the consortium is a world leading catalysis and chemistry group with specialties: Fudan University provides NMR study of catalyst structures and reaction mechanisms, carbon-based energy conversion, and heterogeneous catalyst design and characterisation, Hong Kong Polytechnic University brings surface science and characterisation facilities, Xiamen University contributes catalysis competencies as it is one of the largest catalyst groups in China with a national lab, and the University of Oxford shares technical expertise in advanced functional

materials and interfaces, heterogeneous catalysis, and energy and sustainable chemistry.

Dr. Mark Su, President – China at Johnson Matthey, says: "We know we can only accelerate progress through strategic partnerships. By working with world leading universities, collectively we will be able to acquire and leverage technological capabilities which can help to provide the low carbon solutions that help China achieve carbon neutrality by 2060."

Dr. Edman Tsang, Professor of Oxford University, says. "I am excited to have the opportunity to work closely with JM and our Chinese collaborators towards China's low carbon/net zero in green synthesis through this consortium. Alone we can do so little; together we can do so much. I am really looking forward to address such a grand challenge."

Dr. Youzhu Yuan, Professor of Xiamen University, says: "Formic acid is one of the fundamental organic chemical raw materials, an ideal carrier for hydrogen energy and a key step in carbon cycle. As an important organic C1 resource, formic acid has the following advantages

over gaseous CO₂ and CO: easy to transport as it is in liquid form at ambient condition; high temperature and high pressure can be avoided in the reaction process and it's more favourable thermodynamically when it is used as an alkylating reagent. Among them, we especially look forward to the R&D of catalysts for selective alkylation using formic acid as a carbon source."

Dr. Molly Li, Assistant Professor at Hong Kong Polytechnic University, says: "I'm excited that PolyU will work with JM on a novel heterogeneous hydroformylation concept to deliver green chemicals. We hope this strategic research consortium can bring formic acid to a cutting-edge solution for sustainable chemical processes."

Dr. Lin Ye, Associate Professor at Fudan University, says: "Co-operating on scientific research will lead to greater hydrogen utilization. We hope that our research will demonstrate best practice in environmentally friendly and sustainable catalyst design, reaction route construction and operation."

Source : Johnson Matthey

Huntsman Starts Commercial Operation of New Splitter at its Geismar, Louisiana Polyurethanes Plant

The Woodlands, Texas – Huntsman Corporation (NYSE: HUN) today announced the start of commercial operation of a new methylene diphenyl diisocyanate (MDI) splitter at its Geismar

site in Louisiana. The \$180 million splitter gives Huntsman the ability to produce more high value, differentiated grades from the crude MDI manufactured at the plant, thereby enabling

growth in key customer applications.

"The new splitter reinforces our strategy of delivering value over volume by creating a more differentiated product



portfolio,” said Tony Hankins, President of Huntsman’s Polyurethanes division. “It enables us to provide our customers in automotive, furniture, construction, adhesives and coatings markets with more options for innovative, sustainable polyurethanes products.”

The completion of the MDI splitter project was celebrated at a special event on Wednesday, July 13, at the Geismar facility hosted by Huntsman Chairman, President and CEO, Peter Huntsman. Guests included Attorney General of Louisiana Jeff Landry, local officials, key customers, suppliers, members of Huntsman’s senior leadership team, and Geismar employees.

Speaking at the event, Jan Buberl, Polyurethanes’ Vice President for the Americas region said “Our new splitter bridg-

es the gap between our upstream MDI manufacturing assets and the downstream needs of our customers – both domestic and international. Our mission is to deliver what our customers need to help them innovate and grow. This investment will strengthen our ability to meet, and exceed, those expectations.”

Mark Dearman, Site Leader at Geismar, recognized the hard work of the many people associated with the project. “Our thanks go to our construction partners, suppliers and every associate and contractor involved

in the new splitter,” he said. “Even without factoring in the additional health and safety measures we needed to put in place for COVID, and the extreme weather events such as Hurricane Ida, the construction of a new splitter is a major undertaking. The project was completed on time, incident free, demonstrating Huntsman’s focus and commitment to safe working practices.”

Source : Huntsman

Cosmo Speciality Chemicals Appoints Sunil Vaidya Sales Head

With over 30 years of experience, Sunil will be responsible for sales & marketing and the strategic business development of Cosmo Speciality Chemicals

New Delhi, 28 July 2022: Cosmo Speciality Chemicals, a 100% subsidiary of Cosmo First Limited, today announced the appointment of Mr. Sunil Vaidya as Head Sales – Textile Division. In his new role, Sunil will be responsible for driving sales and development for Cosmo Speciality Chemicals nationally. He will report to Mr. Anil Gaikwad, Business Head, Cosmo Speciality Chemicals.

Sunil comes to Cosmo Speciality Chemicals with over 30 years of experience in

Sales & Marketing, Business Development, and Strategic Planning. He has in depth understanding of Textile Dyes & Chemicals industry and would capitalize his expertise to drive sales for the speciality chemicals business.



On the announcement, Mr. Pankaj Poddar, Group CEO, Cosmo First Limited said, “With more than three decades long career in the textile industry, Sunil has knowledge and expertise across various domains of sales,

development, and strategic planning. I am delighted to welcome Sunil as part of Cosmo’s Team and confident that his addition would be instrumental in ac-

celerating sales and powering growth for our speciality chemicals business in the textiles industry and beyond.”

Commenting on his new role, Mr. Sunil Vaidya, Head Sales - Textiles, Cosmo Speciality Chemicals said, “Within a few years, Cosmo Speciality Chemicals – Textile division has launched multiple products and built credibility across industry which can be witnessed by its phenomenal growth. I am thankful that the leadership has entrusted me with the responsibility of driving growth via sales for speciality chemicals business across markets. I look forward to leveraging expertise and R&D capabilities of the team to help unlock new market opportunities.”

Source : Chemical Market



Archroma At Lacs 2022 With Emulsions For Enhanced Sustainability Performance and Protection

Pratteln, Switzerland, 21 July 2022 - Archroma, a global leader in specialty chemicals towards sustainable solutions, will be exhibiting at the Latin American Coatings Show (LACS) 2022, which will take place in Mexico City from 26 to 28 July 2022.

Archroma will be at Booth 572-573.

The company will be showcasing innovations and solutions aimed to help manufacturers with optimized sustainability, productivity and value creation in their markets.

The company's specialist team will be showcasing Archroma's portfolio of Mowilith® and Mowicoll® emulsions for applications such as coatings, sealants, and adhesives, interior and exterior paints, roof coatings.

The Archroma Mowilith® emulsions are ideally suited to create more value and sustainability for industries such as construction, home decoration, paper and textile. Literally thousands of satisfied customers have witnessed the outstanding success of Mowilith® emulsions since its first patent was obtained in 1912.

The company continues to innovate

and add new products in the Mowilith® range.

At the show, Archroma will present for the very first time two new emulsions specifically designed for graphic inks: Mowilith® LDM 625 T and Mowilith® LDM 648 T.

The products have been specifically developed and are produced in Mexico to provide both excellent performance and local availability in a sector where reliable quality and speed-to-market are critical.

The solutions and innovations presented by Archroma have all been developed in line with the principles of "The Archroma Way to a Sustainable World: Safe, efficient, enhanced, it's our nature".

In particular, Archroma offers emulsions for APEO-free*, formaldehyde-free*, and phthalate-free* options to manufacturers and brands who are committed to develop products and articles that are safer for the workers, end-users, consumers, and the planet.

As a global partner, Archroma operates with world-class standards and reliability, whilst at the same time serving local

markets and customers with local offices and production facilities.

In Mexico, Archroma has a strong presence with a local expert team, offices in Mexico City and a plant in Santa Clara offering production facilities, as well as R&D, logistics and technical services.

Visitors at the booth will also have the opportunity to discover The Safe Edge, an online platform launched by Archroma in September 2021 and allowing for instant access to product related regulatory & compliance certificates and information.

Jennifer Uribe, Head of Archroma Mexico, comments: "Our customers are facing so many market changes in the post-pandemic context, from supply chain challenges to regulatory evolution to public expectations in terms of safety and ecology. Archroma experts will be available to visitors at LACS 2022 to assist them in the transition to this new world, and to help them develop products that are safe, efficient and enhanced. Because it's our nature."

Source : Chemical Market

INEOS Launches New Bio-Attributed Ethylene Oxide, Completely Substitutes Fossil Feedstock With Renewable Biomass

- The Bio-attributed Ethylene Oxide delivers 100% substitution of fossil feedstock on a mass balance basis, as certified by RSB and ISCC+.
- The material delivers a Greenhouse

Gas saving of over 100% compared to conventionally produced EO

- Tobias Hannemann, CEO: "Our new EO delivers identical performance to traditional feedstocks - the fun-

damental performance of the product is not changed, but it comes with huge savings in fossil fuel usage and Greenhouse Gas emissions."



INEOS OXIDE has launched new Bio-Attributed Ethylene Oxide (EO), based on certified bio-based sources which do not compete with food production.

First sales of this Bio-Attributed EO have already been made.

This new product reaffirms INEOS' commitment to developing more sustainable ways to produce the materials we use and rely on every day. INEOS Oxide is developing a suite of solutions to deliver carbon neutrality by 2050, of which this new product is one.

Both RSB (Roundtable on Sustainable Biomaterials) and ISCC+ (International Sustainability & Carbon Certification Plus) have

certified that the new product is 100% renewable on a mass balance basis and delivers a Greenhouse Gas saving of over 100% compared to conventionally produced EO.

This allows INEOS customers to significantly reduce their carbon footprint and offer innovative solutions to serve their ever more demanding markets for sustainable solutions.

EO is an important building block for a wide variety of derivative products, which are used in the production of detergents, thickeners, solvents, and plastics. EO is consumed internally by INEOS Oxide in the production of intermediates such as glycols, ethanol-

amines, glycol ethers and ethoxylates.

Mass balance is an essential tool used to reduce the reliance on fossil fuel materials as feedstock across a wide range of industries. In practice, it allows the mixing of renewable and recycled materials with traditional feedstock to create a lower-carbon product. It is recognized as a necessary step in arriving at a fully circular economy.

INEOS's Bio-Attributed EO is the culmination of three years of work to develop a low carbon ethylene oxide product.

Tobias Hannemann, CEO of INEOS Oxide, says: "In developing our Bio-Attributed Ethylene Oxide, INEOS is once again leading the way in developing sustainable solutions for products essential to our everyday lives."

Source : Ineos

Sabir's New Smt-Capable Ultem™ 3473 Resin Helps Reduce Weight of Rf Filters in 5g Macro Cells by up to 40%

SABIC, a global leader in the chemical industry, introduced ULTEM™ 3473 resin, its first polyetherimide (PEI)-based material with surface mount technology (SMT) capability. This new product addresses the growing trend toward smaller, lighter 5G macro cells by providing a possible replacement for metal. For example, ULTEM 3473 resin can help reduce the weight of an aluminum radio frequency (RF) cavity filter by up to 40 percent. In a typical macro cell with 64 filters, this weight saving can be significant. Furthermore, this new resin can help facilitate the design of new, integrated antenna filter units (AFUs),

which is not achievable with metal. Using injection molding, the dipole antenna matrix and RF cavity filter body can be produced as one piece. This approach simplifies production and may lead to additional weight savings and system cost reductions.



"During close collaboration with the industry's leading companies, we have witnessed a growing number of 5G infrastructure manufacturers validating the use of lighter materials to make it easier and faster to assemble, transport and install these components," said

David Wang, senior business manager, SABIC. "By offering an effective alternative to metal and helping enable the design of integrated antenna filter units, we aim to help them achieve these goals."

PERFORMANCE, PROCESSING AND ASSEMBLY ADVANTAGES

New ULTEM 3473 resin offers performance, processing and assembly advantages over die-cast metal and thermoplastics such as filled polyphenylene sulfide (PPS). The new SMT-capable resin enables components to withstand very high temperatures, up to 260°C, during the assembly process. With a coefficient of thermal expansion (CTE) similar to that of metal, ULTEM 3473 resin provides dimensional stability



Price as on July 30, 2022

Name of Chemicals	Pack (Kgs.)	Price	Change (Rs./Kg)
INORGANIC CHEMICALS			
Ammonium Bicarbonate		60	
Ammonium Carbonate		55	
Ammonium Nitrate		65	
Borax (Granular)	50	48	
Borax (Powder)	50	42	
Bromine Liquid	50	265	
Calcium Carbonate(Acti- vated)	50	50	
Calcium Carbonate (Pre- cipitated)	50	30	
Carbon Disulphide	300	84	-1
Caustic Potash		78	
Caustic Soda (Flakes)	50	32	
Caustic Soda (Lye)	Tanker	22	
Hydro (China)	50	87	
Hydrogen Peroxide	50	41	
Hyflosupercel	22	66	
Lithopone (China)	25	185	
Magnesium Carbonate (Indian)	50	56	
Mercury	34.50	8700	
Nitric Acid RCF (60%)	Tanker	50	
Phosphoric Acid	50	67	
Potassium Carbonate	50	54	
Potassium Carbonate (Indian)	50	66	
Potassium Permanganate	50	160	
Soda Ash	50	30	
Soda Ash Tata		33	
Sodium Nitrite		44	
Sodium Nitrate		32	
Titanium Dioxide Anatase (TTPL)	25	190	
Titanium Dioxide Anatase (China)	25	160	
Titanium Dioxide (Rutile – R-902)	25	248	
Zinc Oxide (China)	50	93	

Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
ORGANIC CHEMICALS			
Acetic Acid Glacial	35	107	
Acetone (GI Drums)	160	121	
Acrylamide (Liquid)	250	230	
Acrylic Acid	200	119	
Acrylonitrile		210	
Adipic Acid	25	92	
Aniline	200	84	
Benzene (Per Litre)	200	55	
Benzoic Acid	200	86	
Benzoyl Chloride	200	125	
Benzyl Alcohol (FFC)	200	145	
Benzyl Chloride	200	165	
Bisphenol-A (Russian)	25	118	
n-Butanol (Barrels)	170	160	
Butyl Acetate		190	
Butyl Acrylate	180	75	
Butyl Carbitol	190	87	
Butyl Cellosolve		170	
Butyl Stearate	190	105	
C9 Solvent		59	
C10 Solvent		63	
Cellosolve	195	105	
Chloroform		22	
Citric Acid		47	
m-Cresol	190	270	
o-Cresol	200	300	
p-Cresol	200	325	
Mixed-Cresol		85	
Cyclohexane		76	
Cyclohexanone	190	121	
Diacetone		99	
Dibutyl Maleate (DBM)		203	-2
Dibutyl Phthalate (DBP)		176	-6
Dicyandiamide (DCDA)	25	300	
Diethanolamine (DEA)		110	
Diethylene Glycol (DEG)	230	72.50	
Diethyl Phthalate (DEP)	200	95	



Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
Diisobutyl phthalate (DIBP)		134	-9
Dimethyl formamide (DMF)		210	
Dioctyl Adipate (DOA)	200	193	-2
Dioctyl Maleate (DOM)		200	
Dioctyl Phthalate (DOP)	200	164	-4
2-EHA(2 Ethyl Hexyl Acrylate)	180	138	
Ethyl Acetate (Resale)	185	111	
Ethyl Acrylate (Intact)	180	121	
Ethylene Dichloride (EDC)	200	57	
Ethylene Glycol (MEG)	230	68.50	
Formaldehyde (Resale)	230	11	
Formic Acid	25	92	
Glycerine (IP)	250	53	
Glyoxal (Imp.)		101	
Glyoxal (Indian)		105	
Hexamine	50	78	
n-Hexane (Per Litre)	200	64	
Hexylene glycol		145	
Isobutyl Alcohol	170	125	
Isopropyl Alcohol (IPA)	170	124	-5
Maleic Anhydride (MAN)	25	86	
Melamine	25	103	
Methanol (Per Litre) (Resale)	200 Lit.	32.50	
Methyl Ethyl Ketone (MEK)	190	110	
Methyl Isobutyl Ketone (MIBK)		150	
Methylene Dichloride (MDC)	350	51	
Monoethanolamine (MEA)	180	100	
Octanol (2-Ethylhexanol)	170	165	
Octoic Acid		100	
Oxalic Acid (Punjab)	50	114	
Phenol (GI Drums)	215	115	
Phthalic Anhydride (PAN)	25	77	
Polyethylene Glycol (PEG 200)	230	93	
Polyethylene Glycol (PEG 400)	230	94	

Name of Chemicals	Pack (Kgs)	Price	Change (Rs./Kg)
Polyvinyl Alcohol (Gohsenol GH-17)	20	190	
Propyl Acetate		109	
Propylene Glycol (Imp.)	210	325	
Purified Terephthalic Acid (PTA)		70	
Sodium Alginate (China)	25	280	
Sorbitol	250	52	
Styrene Monomer (Resale)	185	117	
Tartaric Acid	50	350	
Thiourea	50	110	
Toluene (Per Litre)	200	65	
Trichloroethylene	330	50	
Triethanolamine (Resale)	210	92	
Triethylene Glycol (TEG)		107	
Vinyl Acetate Monomer (VAM)	185	200	
Wax Industrial	25	105	
Wax Paraffin	24	98	
m-Xylene		57	
o-Xylene (Per Litre)	200	64	
Xylene Mixed (Per Litre)	200	61	

CHEMICAL MARKET

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under a wide range of operational temperatures, from -40°C to 150°C, over the long term. Dimensional stability of the material, in turn, helps ensure consistent signal filtering of the RF cavity filter by minimizing dimensional variations over these temperature ranges. In contrast, the CTE of filled PPS products increases significantly at temperatures above 85°C to 90°C, according to SABIC internal testing.

Apart from ULTEM 3473 resin's advantages of low CTE and SMT capability, it provides excellent surface metallization performance during the chemical plating process. The result is good adhesion of the metal layer to the matrix, with low surface roughness. These factors help ensure low signal loss and long-term reliability.

Customers that opt for new integrated AFU designs made with ULTEM 3473

resin can significantly reduce cycle times compared to casting and machining aluminum. Injection molding multiple one-piece components can help manufacturers increase throughput, respond more rapidly to growing demand for 5G components and potentially reduce additional weight and system cost of 5G macro cells.

"Our new ULTEM 3473 resin is the first product in the portfolio that targets 5G macro cells and other electrical devices," said Siguang Jiang, staff scientist, SABIC. "In addition to critical properties such as good dielectric constant and dissipation factor perfor-

mance, the material offers increased heat resistance for the SMT assembly process. Its improved flowability helps customers achieve miniaturized, complex designs. Besides being an excellent candidate for 5G networking, ULTEM 3473 resin is potentially applicable to other sectors, such as industrial or electrical segments that require weight reduction solutions."

SABIC's new ULTEM 3473 resin is globally available.

Source : Sabic

INEOS and SINOPEC Sign Three Significant Petrochemical Deals with an Aggregate Value of \$7bn

- These transactions establish a very large footprint for INEOS in China.
- The agreements will have a combined capacity of 7 million tonnes per annum, generating a turnover of around \$10bn. The three deals are:
 - o SECCO joint venture. INEOS will acquire 50% of Shanghai SECCO Petrochemical Company Limited ("SECCO"). SECCO has a capacity of 4.2 million tonnes of petrochemicals including ethylene, propylene, polyethylene, polypropylene, styrene, polystyrene, acrylonitrile, butadiene, benzene and toluene.
 - o ABS joint venture. INEOS and SINOPEC will also establish a second 50:50 joint venture for ABS (Acrylonitrile Butadiene Styrene), based on INEOS' world leading proprietary ABS Technology. This will include the 600ktpa Ningbo facility currently under construction, plus a further 600ktpa of new capacity.
 - o HDPE joint venture. INEOS and SINOPEC will also establish a third 50:50 joint venture to build a new 500ktpa HDPE (High-Density Polyethylene) plant in Tianjin. In addition to the Tianjin plant INEOS and SINOPEC shall build at least two additional 500ktpa HDPE plants in the future to produce INEOS pipe grade under license. The INEOS technology is again world leading.
- Sir Jim Ratcliffe, Chairman and CEO INEOS said: "These agreements significantly reshape INEOS' petrochemical production and technology in China. We are pleased to make these major investments with SINOPEC in areas that provide the best growth opportunities for both companies. Both parties recognise

the potential for closer collaboration across a number of other areas as we look ahead."

INEOS and SINOPEC have signed three back-to-back deals worth a combined value of \$7bn.

These landmark agreements are expected to generate a combined turnover of around \$10bn from 7 million tonnes of capacity. The three agreements will significantly reshape INEOS' petrochemicals production and technology in China.

Firstly, INEOS has agreed to acquire a 50% stake in Shanghai SECCO Petrochemical Company Limited ("SECCO"), a subsidiary of China Petroleum & Chemical Corporation (SINOPEC). SECCO currently has a production capacity of 4.2 million tonnes of pet-



rochemicals - including ethylene, propylene, polyethylene, polypropylene, styrene, polystyrene, acrylonitrile, butadiene, benzene and toluene. It is a 200-hectare facility, located inside the Shanghai Chemical Industry Park.

Secondly, INEOS has agreed to establish a new 50:50 joint venture with SINOPEC with the intent to build production capacity of up to 1.2 million tonnes of ABS, to meet rapidly growing demand in China. The 600ktpa ABS plant in Ningbo, which is currently under construction by INEOS Styrolution[1] and is planned to be operational by the end of 2023, will become part of the joint venture. INEOS and SINOPEC also plan to work together on two additional 300ktpa ABS plants, which will also be built by the joint venture based on INEOS' world-leading Terluran® ABS technology. One of these 300kt plants will be located in Tianjin, the location of the third unit is yet to be decided.

The third agreement will see INEOS and SINOPEC also establish a 50:50 joint venture to build a new 500ktpa HDPE plant in Tianjin. In addition to the Tian-

jin plant INEOS and SINOPEC shall build at least two additional 500ktpa HDPE plants in the future to produce INEOS pipe grade under license. The Tianjin plant is expected to be onstream by the end of 2023.

INEOS already has joint ventures in operation with SINOPEC following the acquisition of the Acetyls and Aromatics business from BP in January 2021, and both companies know each other well through two decades of commercial interfaces at various levels. They see a natural fit to working more closely in the future. Through this close relationship SINOPEC gains access to some of the best downstream technology in the world from INEOS and INEOS achieves a substantial presence in China, the fastest growing market in the world.

Jim Ratcliffe, Chairman and CEO INEOS said
“These agreements significantly reshape INEOS’ petrochemical production and technology in China.

We are pleased to make these major investments with SINOPEC in areas that provide the best growth opportunities for both companies. Both parties recognise the potential for closer collaboration across a number of other areas as we look ahead.”

China is a key growth region for INEOS and the agreements significantly extend its petrochemicals business with a focus on products where it has some of the leading proprietary technologies.

The transactions are all subject to regulatory approvals and other conditions. Each transaction is currently anticipated to complete before the end of the year and will be financed through a combination of internal cash resources and external financing.

Source : Ineos

Does Space Trash Ever Naturally Break Down Video

WASHINGTON, July 18, 2022 — Remember when Elon Musk launched a car into space? That car's not just peacefully drifting through a vacuum — it's hurtling around the sun at 63,592 miles per hour, being bombarded by solar radiation.

It might be in pieces, but these are not the same pieces it would be in if it were down here on Earth. That's because the environment in space breaks down ma-

terials differently. But how long does it take to break down, and how is that car looking right about now...? <https://youtu.be/VIRP-bNtZdY>.



Reactions is a video series produced by the American Chemical Society and PBS Digital Studios. Subscribe to Reactions at <http://bit.ly/ACSReactions> and follow us on Twitter [@ACSReactions](https://twitter.com/ACSReactions).

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Source : Chemical Market



Visit : <https://chemicalmarket.net/search>
for more product listing...

PRODUCT LIST

1 Amino

AAKAR DYES AND CHEMICALS Pg 14

1 Naphthol

AAKAR DYES AND CHEMICALS Pg 14

2(4 Ethyl Benzol)

Mavani Chemicals Pvt. Ltd. Pg 15

2(4 Methyl Benzoyl)

Mavani Chemicals Pvt. Ltd. Pg 15

2, 6. Dihydroxy Naphthlene

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2 Naphthol

AAKAR DYES AND CHEMICALS Pg 14

3,6 Disulfonic Acid

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4- Sulfonic Acid

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6BA

Chemilife Enterprises Pg 10

6 Nitro

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A

Acetonitrile

Krishna Solvechem Ltd. Pg 17

Acetyl H. Acid

AAKAR DYES AND CHEMICALS Pg 14

Acid Green-16

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Acid Orange 156

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Acid Orange Liquid

HIREN ENTERPRISES Pg 14

Acid Yellow 36

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Acid Yellow 219

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Alizarine Red

Mavani Chemicals Pvt. Ltd. Pg 15

Amido G. Acid to Gamma Acid

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Amino ISO J Acid

AAKAR DYES AND CHEMICALS Pg 14

B

Basic Auramine Liquid

HIREN ENTERPRISES Pg 14

Basic Bismark Brown R

HIREN ENTERPRISES Pg 14

Basic Bismark Brown Y

HIREN ENTERPRISES Pg 14

Basic Brown R Liquid

HIREN ENTERPRISES Pg 14

Basic Brown Y Liquid

HIREN ENTERPRISES Pg 14

Basic Crysodine R (Powder)

HIREN ENTERPRISES Pg 14

Basic Crysodine Y Base (Solvent Orange 3)

HIREN ENTERPRISES Pg 14

Basic Crysodine Y (Crystal & Powder)

HIREN ENTERPRISES Pg 14

Basic Crysodine Y Liquid Pg 14

Benzoic Acid

Mavani Chemicals Pvt. Ltd. Pg 15

Beta Naphthol to G. Salt

AAKAR DYES AND CHEMICALS Pg 14

B.H.K. Acid

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BIS AZO

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Blue TL

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Bordo 3B

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D

Dehydro Thio Based

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Diethylamine

Krishna Solvechem Ltd. Pg 17

Diethylenetriamine

Krishna Solvechem Ltd. Pg 17

Diethylhydroxylamine (DEHA)

Krishna Solvechem Ltd. Pg 17

Diisopropylamine

Krishna Solvechem Ltd. Pg 17

Diisopropylether (DIPE)

Krishna Solvechem Ltd. Pg 17

Diisopropylethylamine

Krishna Solvechem Ltd. Pg 17

Dimethylamine Hcl

Krishna Solvechem Ltd. Pg 17

Dimethylaminopropylamine (DMAPA)

Krishna Solvechem Ltd. Pg 17

Dimethylformamide

Krishna Solvechem Ltd. Pg 17

Dimethyl Sulphoxide

Krishna Solvechem Ltd. Pg 17

Di-n-butylamine

Krishna Solvechem Ltd. Pg 17

Dipropylene Glycol

Krishna Solvechem Ltd. Pg 17

Direct Orange 118 Liquid

HIREN ENTERPRISES Pg 14

Direct Red 81 Liquid

HIREN ENTERPRISES Pg 14

Direct Violet Base

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Direct Yellow - 09

Mavani Chemicals Pvt. Ltd. Pg 15

Direct Yellow 11 Liquid

HIREN ENTERPRISES Pg 14

Direct Yellow 87 Base

Mavani Chemicals Pvt. Ltd. Pg 15

E

Edible Refine Salt

SKC INDUSTRIES LLP Pg 16

F

Formic Acid 85% Luxi

Krishna Solvechem Ltd. Pg 17

G

Gibberlic Acid

Chemilife Enterprises Pg 10

Green - BL

Mavani Chemicals Pvt. Ltd. Pg 15

G Salt to Amido G Acid

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H

H Acid

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Heptane

Krishna Solvechem Ltd. Pg 17



Hexane

Krishna Solvechem Ltd. Pg 17
Basic Brown Y Liquid Pg 14
HIREN ENTERPRISES Pg 14
Basic Brown Y Liquid Pg 14
Hydrogen Peroxide 50%
Krishna Solvechem Ltd. Pg 17

I

Indole Acetic Acid
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Industrial Salt
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Isoprpyl Alcohol (IPA)
Krishna Solvechem Ltd. Pg 17

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J Acid
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Lactose Monohydrate
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Mamas Acid
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Methoxy Acetyl Chloride
Krishna Solvechem Ltd. Pg 17
MIPA 70%
Krishna Solvechem Ltd. Pg 17
Mnoethylamine 70%
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MSP
Krishna Solvechem Ltd. Pg 17

N

Naphthalene 2:7 Disulfonic Acid
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Nitazine Yellow
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O

Octyl Bromide
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Octyl Chloride
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Orange ARL
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P

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Peracetic Acid
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PH
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Phosgenated and Cyanuric Based
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Pivaloyl Chloride
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PMBS
Krishna Solvechem Ltd. Pg 17
Propylene Glycol Monomethyl Ether Acetate
Krishna Solvechem Ltd. Pg 17

Q

Quinizarine (1-4 Dihydroxy Anthraquinone)
Mavani Chemicals Pvt. Ltd. Pg 15

R

Raw Salt/Crystal/Coarse Salt
SKC INDUSTRIES LLP Pg 16
Red - 4G
Mavani Chemicals Pvt. Ltd. Pg 15
Red - HI
Mavani Chemicals Pvt. Ltd. Pg 15

S

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SAPP
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Silver Peroxide
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SMBS
Krishna Solvechem Ltd. Pg 17
Sodium Bromide
Krishna Solvechem Ltd. Pg 17
Sodium Chloride
Krishna Solvechem Ltd. Pg 17
Sodium Chloride NACL 99%
SKC INDUSTRIES LLP Pg 16

Sodium Percarbonate

Chemilife Enterprises Pg 10
Sodium Sulphate
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SS
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Stain Indicator
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S. Titan Yellow
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STPP
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Sulphuryl Chloride
Krishna Solvechem Ltd. Pg 17

T

Tablet Salt
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Tetrahydrofuran (THF)
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V

Valeryl Chloride
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Y

Yellow ARL
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Yellow GL
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Yellow RL Base
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Plant-Based Bioengineering Plastic "DURABIO™" has been Adopted for Casio "PRO TREK®," a Watch Brand for Nature Lovers

We are pleased to announce that the bioengineering plastic "DURABIO™," developed by the Mitsubishi Chemical Group (MCG), has been adopted for use in the bezel portion of the outdoor watch "PRO TREK® PRG-340" from Casio Computer Co., Ltd. (Casio). This product will be released by Casio starting from August 5, 2022. This is the first time that "DURABIO™" has been adopted for a watch part application.

"DURABIO™" is a bio-based engineering plastic made from the renewable plant-derived raw material "isosorbide." Its use can reduce the consumption of petroleum, which is an

exhaustible resource, and can also contribute to the reduction of greenhouse gases since the plant that makes the raw material absorbs carbon dioxide during the growth process. Additionally, it has superior performance compared to conventional general engineering plastics in terms of impact resistance, weather resistance, heat resistance, etc. Furthermore, it is also characterized by its high designability, such as jet

blackness that can express deep black, and moldability that can realize detailed processing. These excellent characteristics match the concept of Casio's watch brand "PRO TREK®," which resulted in the adoption of our bioengineering plastic for this purpose.

"DURABIO™" is being widely adopted not only for automobile interior and exterior parts, but also helmets and other items, and we will continue to focus on further expanding its applications.

Source : Mitsubishi Chemical

Air Liquide to Build Two New Hydrogen Production Units with Carbon Capture Technology in Shanghai Chemical Industry Park

Shanghai Chemical Industry Park Industrial Gases Co., Ltd (SCIPIG), a subsidiary of Air Liquide, will invest more than 200 million euros to build two hydrogen production units and related infrastructure in Shanghai Chemical Industry Park (SCIP). These units will bring significant environmental benefits, as they are designed to replace current supply from a third party coal-based gasification unit, will be equipped with CO₂ capture and recycle technology and will be connected to SCIPIG existing local network. These two units will come in addition to two other hydrogen

units and four air separation units that SCIPIG already operates in the Park.

Through more than 15 year-long contracts, these units will produce hydrogen and carbon monoxide for the supply to Covestro China and Shanghai Lianheng Isocyanate Company (SLIC, a joint-venture led by BASF and Huntsman) in the Park, as well as mobility, other industrial and electronics customers in the Yangtze River Delta megalopolis. The two units will have a total hydrogen (H₂) production capacity of around 70,000 Nm³/h. They will be equipped

with units to capture and recycle carbon dioxide (CO₂) to contribute to the production of carbon monoxide (CO) for a total capacity of 28,000 Nm³/h.

Planned to be operational in phases, starting from the year end 2023, the two Steam Methane Reformers (SMR), will be designed and built by Air Liquide Engineering & Construction. They would not only replace a third party coal-based gasification unit, but will also be equipped with CO₂ recycle units and connected to the existing SCIPIG local network. This will avoid the emis-



sion of 350,000 tonnes of CO₂ per year, which is comparable to the equivalent electricity-related emissions of 1 million Chinese households. Connecting the production units to SCPIG's local pipeline network will further enhance the reliability and flexibility of gas supply.

Air Liquide has been actively involved in the development of the Shanghai Chemical Industry Park since 1996. Host to major international and local chemical companies, the park covers 29,4 km² and is located near the Shanghai Yangshan port, one of the busiest container ports in the world. Among other initiatives, Air Liquide recently announced the creation of a joint venture with Shenergy and SCIP to use the hydrogen produced by SCPIG to supply hydrogen refueling stations across the Yangtze River Delta and support the fast growing hydrogen vehicles market in the region.

François Abrial, Member of the Air Liquide Group's Executive Committee supervising Asia Pacific, said: "These new investments further

enhance Air Liquide's long-term collaboration with Covestro, SLIC and Shanghai Chemical Industry Park. Leveraging our expertise in hydrogen production as well as carbon capture and utilization, the project demonstrates our capacity to bring solutions for our customers which are reliable, competitive, and beneficial to the environment. A specialist in the decarbonization of the industry, Air Liquide is proud, with this project, to support Shanghai's ambitious climate plan."

Holly Lei, President of Covestro China, stated: "We are pleased to further strengthen our partnership with SCPIG in the Shanghai Chemical Industry Park. The new investment will provide a reliable supply of important raw materials to Covestro Integrated Site Shanghai. In addition, we will realize the synergy to reduce the carbon footprint of hydrogen, which as a fuel can contribute to a low-carbon mobility in the Yangtze River Delta Region. In this regard, our ambition to

become climate neutral goes hand in hand along the value chain and beyond the company boundary."

Ma Jing, Director of Shanghai Chemical Industry Park Administration Committee, said: "We welcome SCPIG's new investment in the park. Bringing in innovative technologies, it will help us to transition away from coal-based gas production and drastically reduce associated carbon emissions. At present, SCIP is actively implementing a new roadmap for green and low-carbon development in line with the national strategic deployment. SCPIG's new investment will play an important role in reducing carbon emissions in the park. SCIP will, as always, assist in facilitating the construction and operations of this project and in promoting the use of low-carbon hydrogen to contribute to our common carbon peak and carbon neutral objectives."

Source : Air Liquide

Airnov To Exhibit Range Of Healthcare Packaging Solutions to Indian Market at Innopack Pharma Confex-South

- Pharmaceutical packaging producers based in India and regionally will be able to explore Airnov's pioneering solutions at key industry event
- Solutions and innovations on display include Stablus™ (predictive modelling and simulation tool), Compatilus™ (high speed insertion machine compatibility), and EQius™ (Equilibrium RH Stabilizers)
- Innopack Pharma Confex-South to be held in Hyderabad on August 9-10, 2022

August 5, 2022 – Airnov Healthcare Packaging, a global leader in controlled atmosphere packaging, will be showcasing its large portfolio of solutions available to customers in India at the upcoming Innopack Pharma Confex-South, due to be held in the city of Hyderabad on August 9-10.

The event marks an extension of the already highly successful and influential Innopack series, which is now meeting in Hyderabad to offer more industry stakeholders the chance to see and hear from the best minds on what's next in the world of pharma packaging.

Here, Airnov will be demonstrating a range of value-add capabilities.

Chief among them is Stablus, a predictive modelling and simulation tool. Stablus helps customers determine optimal solutions for shelf-life protection within key cost parameters.

Airnov's line of desiccant canisters and packets are designed for high-speed automatic insertion in customers' packaging lines. This ensures seamless integration with existing manufacturing setups, with our engineers also on hand to provide technical support when needed.



EVENTS AND CONFERENCES

CPHI WORLDWIDE GERMANY

Date: Nov 1-3, 2022

City: Messe Frankfurt

Country: Germany

Website: <https://www.cphi.com/europe/en/home.html>

Description: The biggest international pharma industry event is back!

In 2022, CPhI Worldwide will become CPhI Frankfurt: a 3-day event that will take place in person and online. This hybrid model will fuse the best elements of our traditional show with interactive online features to help you get the most out of your CPhI experience!

In addition to our dates in Frankfurt, this format will see our event take place online over an extended period of time, allowing you the flexibility to connect, network, learn and do business – when and how it suits you.

ASIA PACIFIC COATINGS SHOW

Date: Sept 14-16, 2022

City: Balai Sidang Jakarta Convention Center

Country: Jakarta, Indonesia

Website: <https://www.asiapacificcoatingsshow.com/>

Description: The Asia Pacific Coatings Show is the leading event in South East Asia and the Pacific Rim for the coatings industry. For three days, the exhibition offers the opportunity to meet new and existing customers from the region; gather insight on the latest technologies available in the market; and have meaningful, face-to-face business interactions.

The event provides the perfect environment for the entire spectrum of the coatings industry to do business, from raw material suppliers to equipment manufacturers, to distributors and technical specialists like formulators. That's not all – the conference that is held alongside the event offers the opportunity to learn about the latest industry products, innovations and trends; exchange ideas with industry leaders; and build a strong network in the region.

CPHI KOREA

Date: Sept 28-30, 2022

City: COEX, Seoul

Country: Korea

Website: <https://www.cphi.com/korea/en/about/the-event.html>

Description: CPhI Korea is the Korean marketplace for pharmaceutical ingredients buyers, manufacturers and suppliers. The show represents all aspects of the ingredients market, including APIs, fine chemicals, biopharmaceuticals, excipients/formulation, intermediates, generic APIs, finished dosage and custom manufacturing.

ICSE Korea connects the global pharmaceutical community with Korean outsourcing solution providers, including clinical trials, contract research, custom manufacturing, biotechnology, IT, analytical services, packaging services and logistics.

P-MEC Korea brings together the global and Korean pharmaceutical machinery and equipment providers including analytical



EVENTS AND CONFERENCES

equipment, automation & robotics, batching systems/equipment, cleanroom equipment, health & safety products, instruments, laboratory equipment, machinery, packaging equipment & supplies, plant/facility equipment, process automation & controls, processing equipment, RFID, tableting and capsule fillers.

bioLIVE Korea focuses on biotechnology and related fields offering an ideal platform for biopharma companies, drug discovery organisations, pharma manufacturers and scientific research institutions to create new partnerships and discuss the latest bio-medical and technological trends.

Hi Korea is a global meeting place for worldwide health ingredients manufacturers, traders, service providers, and other related professionals, including health/natural/functional/bio Ingredients, functional food additives, food technology/equipment, and contract manufacturing.

CPhI Korea is co-organised with the Korea Pharmaceutical Traders Association (KPTA). KPTA strives to foster a favorable trading environment for the pharmaceutical and cosmetic industry in Korea.

INDIA CHEM 2022

Date: Nov 02 -03, 2022

City: Pragati Maidan, New Delhi

Country: India

Website: <https://www.indiachem.in/>

Description: Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Government of India, jointly with FICCI is organising the 12th Edition of “India Chem 2022” from 02 -03 November 2022 at Pragati Maidan, New Delhi. India Chem, the flagship event of the Department, is one of the largest composite events of the industry in the AsiaPacific region and comprises of an International Conference and Exhibition. India Chem 2022 will showcase tremendous potential and supportive government policy for sustainable growth in the sector and will be a single platform for investors, both domestic and international and other stakeholders to interact and forge alliances, thereby providing immense potential for trade and investment, in a mutually beneficial way. The concurrent sessions as part of conference includes Global CEOs Round Table as well as conclaves on different industry segments (e.g., Chemicals, Petrochemical, Agrochemical Industry, Process and machinery) and regional exchanges between India and the counties.

DYE+CHEM BANGLADESH INTERNATIONAL EXPO

Date: Aug 31- Sept 3, 2022

City: International Convention City Bashundhara (ICCB), Dhaka

Country: Bangladesh

Website: <https://10times.com/dye-chem-bangladesh>

Description: Dye+Chem Bangladesh, a high profile event dealing with studies related to fabric & yarn synthesis and yarn spinning, gives a quality stage for research and analysis of the same. This event exhibits products from Chemicals & Dyes, Textile to Fabrics & Yarns by giving much needed emphasis on Environment & Waste Management industries. Your ONLY exclusive Gateway to the All Kinds of Dyes and Fine & Specialty Chemicals sector of Bangladesh and a perfect B2B exhibition for the entire Dyes & Chemical sector of Bangladesh.

Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers.



The company will also be showing visitors at Innopack Pharma Confex-South, the Compatilus program, which ensures full compatibility with various automatic desiccant inserters for drop-in desiccants available from key equipment manufacturers.

By evaluating how packaging configurations impacts relative humidity levels and/ oxygen concentrations inside packaging across its lifecycle, customers will be able to identify technical and cost-saving improvements and reduce time to market for new products.

Airnov will also be showcasing a series of physical pioneering packaging solutions. These include EQius™ Equilibrium RH Stabilizers

– these are sorbent products that maintain a certain humidity level in pharmaceutical packaging in cases where specific relative humidity conditions are required. In particular, these are solutions aimed at dry powder inhalers, gelatin capsules and gummies.

Shrikar Trikannad, Airnov's Head of Sales for India, commented: "After a successful Innopack event in Mumbai in June, we are equally excited to head to Hyderabad, where our highly experienced team will be on hand and ready to answer any questions about any of our solutions and services."

Visitors will also be able to learn more about our product development and

innovation workshops. Whether it's tweaking a standard product or developing a design for a customized packaging system, Airnov has a full product development team that will quickly and efficiently engineer a solution.

"With a 65-year legacy to build on and three dedicated R&D centers, we remain at the forefront of research into materials and designs that will shape the future of healthcare packaging" concludes Trikannad.

During the Innopack Pharma Confex-South, which is being hosted at the Novotel HICC, Airnov will be situated in Booth 2A.

Source : Chemical Market

Valspar Reveals Fresh Lineup of New Shades in 2023 Colors of the Year

CLEVELAND, Aug. 4, 2022 / CPNNewswire/ -- Today, paint and coatings brand Valspar announces its 2023 Colors of the Year with 12 trend-worthy, forward-thinking, beautiful and livable colors. This year's colors are composed of comfort, acceptance and joy – not a temporary solution but a lasting change.

Valspar color experts have thoughtfully matched each color to a specific facet or emotion of life, all relating to what people may find helpful to complement their space. Homeowners are prioritizing areas of the home with paint to update their well-used spaces. By turning to nature-inspired design, this year's collection is all about finding new comfort, embracing a flexible lifestyle, rediscovering joy and leaning into the growing DIY movement.

"Valspar's 2023 Colors of the Year are usable shades that encourage self-expression and anyone can envision in

their space," said Sue Kim, Valspar Color Marketing Manager. "With our 12 colors to choose from, you are guaranteed to find a color that is picture-perfect for you!"

The 2023 Colors of the Year

All 12 colors are available at Lowe's stores, Lowes.com and Independent Retailers nationwide. Please note that color names vary at each retailer. See below for the full list of colors and how they add inspiration in a space.

- Cozy White – Comfort – A comfortable white with a yellow undertone that makes a space cozy like a soft blanket.
- o Lowe's: 3008 –10C Cozy White
- o Independent Retailer: V168 Nice and Easy
- Villa Grey – Mindful – A cool grey that is balanced by the warmth of the

yellow undertone, a natural hue like a cotton muslin cloth.

- o Lowe's: 6005-1B Villa Grey
- o Independent Retailer: V135-2 Soft Pelican
- Rising Tide – Health – A light blue that has a dose of softness, used as a fresh neutral with uplifting qualities of a modern pastel.
- o Lowe's: 4008-3A Rising Tide
- o Independent Retailer: V139-1 Sunday Sky
- Gentle Violet – Connection – A white softened by a violet undertone, a harmonious shade promoted by digital connectivity.
- o Lowe's: 4002-3A Gentle Violet
- o Independent Retailer: V126-1 Orchid Blush
- Holmes Cream – Joy – A classic tan



that is dependable, with a yellow undertone that gives it new life with uplifting qualities.

- o Lowe's: 3004-10B Holmes Cream
- o Independent Retailer: V088-2 Silken Stockings
- Ivory Brown – Natural – A washed brown tone inspired by the shades found in nature, a new warm neutral being incorporated inside and out the home.
- o Lowe's: 6006-1C Ivory Brown
- o Independent Retailer: V135-4 Oyster Shoal
- Blue Arrow – Balance – A cooled down blue with a slight yellow undertone, a beautiful shade to find balance between cool and warm shades in the home.
- o Lowe's: 5001-3C Blue Arrow
- o Independent Retailer: V139-3 Lagoon Reflection
- Green Trellis – Calm – Tapping into

the calming tones of nature, this hazy green has duality – bringing in the calm and liveliness we seek from outdoors.

- o Lowe's: 5006-3C Green Trellis
- o Independent Retailer: V097-3 Stormy Day
- Desert Carnation – Inspired – Faded natural terracotta that leaves us inspired to craft a home with individuality and warmth.
- o Lowe's: 2005-7C Desert Carnation
- o Independent Retailer: V085-3 Maple Tan
- Southern Road – Contentment – A muted clay with a brown undertone, embracing the life of contentment we seek in living with what we have.
- o Lowe's: 1006-9C Southern Road
- o Independent Retailer: V081-5 Aged Bourbon
- Flora – Thoughtful – A deep blackened olive, a new neutral being in-

troduced into the home that embodies charm and sophistication.

- o Lowe's: 5004-2C Flora
- o Independent Retailer: V143-6 Japanese Seaweed
- Everglade Deck – Restored – A deep midnight blue, used as an elegant calming shade to restore our mind, body and home.
- o Lowe's: 5011-3 Everglade Deck
- o Independent Retailer: V138-6 Cadet Song

Free color tools available from Valspar
For small changes to your home that can make a big impact, Valspar offers color tools to help you feel confident in your paint buying decisions. Free Color Consultations from our Color Experts offer personalized advice allowing you to find your perfect color! DIYers can also save a trip to the store by having paint chips sent directly to their home for free directly from [valspar.com](https://www.valspar.com)

Source : PRNewswire

INEOS Styrolution and Sinopec Announce Joint Venture for ABS in China

- ... to serve rapidly growing markets in China
- Annual production of 1.2 million tons ABS

Frankfurt, July 28, 2022 - As part of the overall cooperation between INEOS and Sinopec[1], the two organisations today announce the formation of a 50/50 Joint Venture to produce and sell ABS[2]. The Joint Venture will build production of 1.2 million tonnes of ABS to supply the rapidly growing domestic market in China.

The world-scale ABS plant in Ningbo[3], which is currently under construction

by INEOS Styrolution and planned to become operational in 2023, will become part of the new Joint Venture. This will provide a strong cornerstone in an organisation that is poised to become an ABS leader in China.

Steve Harrington, CEO INEOS Styrolution, comments: "INEOS Styrolution has come a long way from being a Joint Venture itself in its early years. After acquisitions and investing into new green-field production sites, setting up this Joint Venture with a strong partner in China feels like the natural next step for growth. We entered China with our first local production sites in 2019. The collaboration with Sinopec allows us to

continue to grow in China in fast-forward mode."

Rob Buntinx, President APAC at INEOS Styrolution, adds: "We are particularly excited that our Terluran® ABS is the basis for this cooperation. While INEOS Styrolution contributes to the Joint Venture with technology, customers, and market expertise, Sinopec provides feedstock integration, and an unequalled network in China. We are looking forward to the collaboration with Sinopec. A one-off opportunity to accelerate our growth ambitions in Asia."

Source : Ineos



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