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DYES & CHEMICAL MARKET

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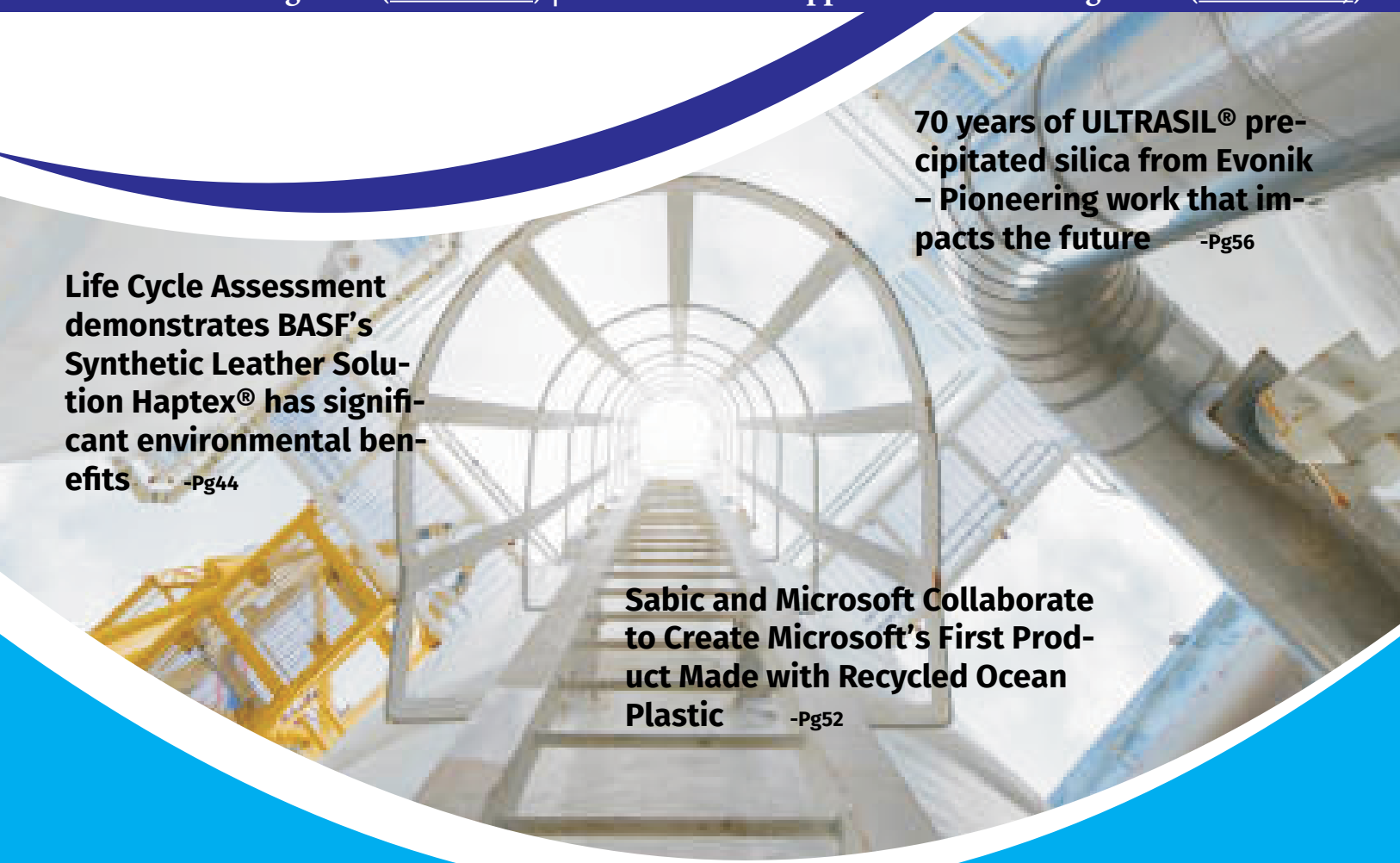
39th Year SINCE 1982

A MONTHLY MAGAZINE DEVOTED TO

DYES CHEMICALS PHARMACEUTICALS API TEXTILE AUXILIARIES PAINTS SOLVENTS COSMETICS



Department of Chemicals and Petrochemicals
Government of India

2nd Edition
SUMMIT ON
GLOBAL CHEMICALS & PETROCHEMICALS
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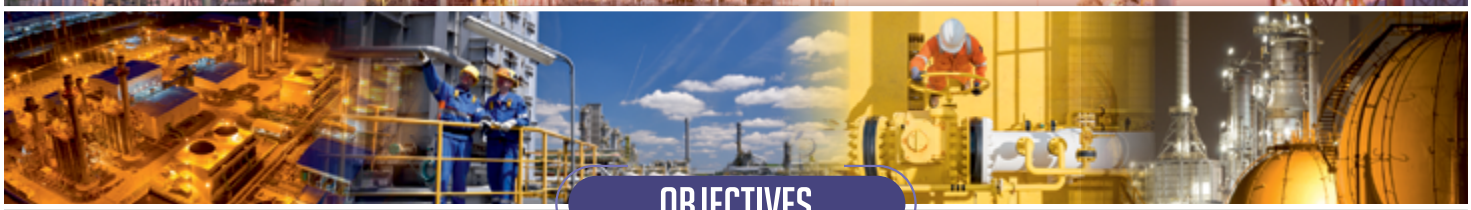

OBJECTIVES

- Highlighting and promoting segment-wise investment opportunities in respective investment regions
- Showcasing the roadmap for Infrastructure development and its up-gradation plan
- Devising strategies (anchor tenant) for feed-stock availability
- Demonstrate the benefits of co-siting, networking, and greater efficiency using common infrastructure and support services
- Highlighting the initiatives undertaken by Government of India to facilitate the growth of the sector
- To boost domestic manufacturing and exports
- Promoting research and development and scope of technology transfer and Skill Development in the Chemical and Petrochemical sector
- Promoting sustainability initiatives for comprehensive development of the industry
- Industry excellence awards to recognize innovative work and boost innovation in the industry
- Evolving opportunities in Chemicals & Petrochemicals industry in post Covid Era

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Samidha Hasija
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Email : atul@kscl.co.in / days@kscl.co.in
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NIMISH M. MAVANI
CEO

Office :
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Tel: +91-22-2342 2511 - 2344 6766 (Ex-16 & 17)
Fax : +91-22-6636 8829 Mobile : 98700 30965
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SKC INDUSTRIES LLP
13,1st Floor, SwamiNarayan Mandir Bulding,
Plot No.37, Sec-9, Opp Jai Residency,
Gandhidham-Kutch 370201 Gujarat-India.
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Nearest Sea Port: Kandla and Mundra(Gujrat-India)
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Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers. This page was updated on July 10th 2020

CHEMICAL MARKET

No	Exibitions	Date	Place
CphI - Informa Group			
1	CPhI North America	Aug 10-12, 2021	Philadelphi
2	CPhI Worldwide Germany	Nov 9-11, 2021	Fiera Milano, Milan, Italy
3	CPhI Middle East & Africa	Sept 26-28, 2021	Abu Dhabi, UAE
4	CPhI China- Virtual CPhI	Dec 16-18, 2021	Shanghai, China
5	CPhI Japan	Apr 14-16, 2021	Tokyo, Japan
6	CPhI Korea	Oct 11-13, 2021	Seoul, India
7	CPhI India	Nov 24-26, 2021	Noida, India
MECD (Coating Show)			
1	Asia Pacific Coatings Show	Sept 01-03, 2021	Indonesia, Jakarta
2	Middle East Specialty Chemicals Show	June 15 2021	Dubai
3	Middle East Coatings Show	Sept 27-29, 2021	Dubai
4	Coatings For Africa	June 02-04, 2021	Sandton, South Africa

CHEMS			
1	Dye+Chem Morocco International Expo	Nov 24-27, 2021	Morocco
2	Dye+Chem Sri Lanka International Expo	Sept 23-25, 2021	Colombo Sri Lanka
3	Dye+Chem Bangladesh International Expo	Sept 01-04, 2021	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	Apr 02-04, 2021	Dhaka, Bangladesh
Turkey (Arkim Group)			
1	InterDye Textile Printing Eurasia	Mar 11-13, 2021	Istanbul
2	Paint Istanbul TURKCOAT	Sept 09-11, 2021	Istanbul
3	Paint Expo Eurosia	Nov 25-27, 2021	Istanbul
Other Exhibitions			
1	Paint India	Mar 11-13, 2021	Goregaon, Mumbai
2	Expo Paint and Coatings	July 8-10, 2021	New Delhi, India
3	CIPI	Note Sure	Mumbai, India
4	Chemspec Europe	Sept 29-30, 2021	Messe Frankfurt, Germany
5	ChemUK 2021 Expo	Sept 15-16, 2021	NBC, Birmingham, UK
6	American Coatings Show	Apr 05-07, 2022	Indianapolis
7	China Coat China	Nov 16-18, 2021	Shanghai, China Shanghai
8	Interdye China	Sept 27-29, 2021	China
9	Paint Expo Germany	Apr 26-29, 2022	Germany

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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
861229-15-4	200 Tonnes	None

Details : For construction material
Mr. David
China
Email : dzs1972@hotmail.com
Tel.: 0086-13584039977

Product Name	Qty	Grade
Ammonium Sulphate Pure White	500 Kgs	Industrial

Details : Please contact via phone/email.
Mr. Manish Dharani
Ahmedabad, Gujarat, India
Email : manish@smdcpl.in
Tel.: 9879408765

Product Name	Qty	Grade
1,2-Bis(2-aminophe-noxy)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

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.
PRAVIN IYER
Baroda, Gujarat, India Mobile: 9898507767
Email : pravin.iyer@atpigments.com

Product Name	Qty	Grade
AMITRAZ 12.5 ec liquid	25-30 Lt	

Details : I require AMITRAZ 12.5 ec liquid for re-packing on monthly basis 25 to 30 ltrs
Gagandeep Singh
Amritsar
Mobile: 99158-44307
Email : vetsafepharma15@gmail.com

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Product Name	Qty	Grade
NaOH flakes	360 Kg	Chemical
Sodium Metabi Sul-phate	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
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.
Email : indamedpharma@yahoo.co.in
Mobile : +91-968-787-7922 (Prefered)

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Product Name	Qty	Grade
Glycerine Terpinol	1 Tonnes	Industrial

Details :
Sanjay Rokad Shreeji Enterprise
Ankleshwar, Gujarat, India
Email : rokadsanjay@yahoo.com
Mobile : +91-701-615-0012

Product Name	Qty	Grade
Acetic Acid	Tanker	

Details :
Dinesh Gupta
HARESH ENTERPRISES (Wholeseller)
Email: setuenter@yahoo.co.in
Mobile: +91-9824200441

Product Name	Qty	Grade
Ammonium Sulphate pure white		

Details :
Manish
SM Dharani Chem Pvt Ltd(Manufacturer)
Email : manish@smdcpl.in Mobile : 9879408765

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
Potassium Carbonate Granular	750 Kgs	Industrial
Sodium Nitrate	1500 Kgs	
Caustic Soda Flakes	2000 Kgs	

Details : Require following grade Caustic - GACL Ray-on Grade Potassium Carbonate - Equal to UBID Korea
Mr. Utpal Shah
Mumbai, Maharashtra, India
Email : utpal@jayeshgroup.com
Tel.: 9820144091

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
Diethylene Glycol		

Details :
Rakesh Bachani
Royal Chemicals (India)
Email : info@royalchemindia.com
Mobile : +91-922-150-3305

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 Vadhadia
NewCera Minechem (Manufacturer)
Email : newceraminechem62@yahoo.com
Mobile : +91-9429460123

Product Name	Qty	Grade
3-(2-Ethyhexyloxy) Propylamine. CAS NO : 5397-31-9	5 Tonnes	Chemical

Details : Need this 5 Tonnes.
Raj Shah
NASSOLKEM, BUL BUL (Manufacturer)
Email : natchem@gmail.com
Mobile : 7069039335

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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 Kerela)
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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info@chemicalmarket.net or visit
https://www.chemicalmarket.net/search

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
IPA		

Details : Bulk requirement
Amit Dave
Amit International (Distributor)
Email : amitintl@zoho.com
Mobile : 9821323563

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	
Dimethylsuccinylo 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
Silica Sand	500 Tonnes	Industrial

Details :
Mr. Haroun Mousa
Dammam
Mobile: 00966566663350
Email : haroonmousa69@gmail.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

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
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
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
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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Sales Enquiries

Product Name	Qty	Grade
Alfa Napthols		
Diethyl Meta Toluidine		
2 Nitro Di Methyl Tere-phthalate		
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, Dari-**yasthan 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

Sales Enquiries

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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		
Indutrial 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
Diflubenzurone	250 Kg 500 Kg	

Details :
CHANDRESH HAPANI
ANIMED (Distributor)
Email : animed6@yahoo.co.in
Mobile : 9830175616

Sales Enquiries

Product Name	Qty	Grade
Sulphur Powder		
Sulphur Roll		

Details : we are manufactuers 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		
Emusifier		
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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CHEMICAL MARKET

A MONTHLY MAGAZINE DEVOTED TO THE DYES, CHEMICALS, PHARMACEUTICALS, TRADE & INDUSTRY SINCE 1982

Chemical Industry and things happening in India

The Chemical Industry comprises of the companies which produces industrial chemicals. Oil, natural gas, air, water, metals and minerals are converted into more than 70000 products which are used in manufacturing final consumable items. The industrial revolution lead to the manufacturing of products on a large scale. One of the first chemicals to be produced in large amounts was sulfuric acid.

The discovery of bleaching powder was made by reacting chlorine with dry slaked lime and proved to be a cheap and successful product and production went from just 52 tons in 1799 to almost 10,000 tons just five years later.

There is no "chemical-free" substance. Everything around us is a chemical - the air we breathe, the food we eat, and the planet we're standing on. After a number of bad experiences with various substances, society has grown to view anything referred to as a "chemical" with fear and suspicion. For every chemical compound that has caused societal, environmental or health issues (asbestos, DDT, thalidomide, chlorofluorocarbons), there are dozens of others which have caused no harm or provided us with great benefits (penicillin, Kevlar, Nylon). When people (irrationally) fear a substance simply because "it is a chemical", we call it chemophobia.

The production of Total Major Chemicals and Petrochemicals in 2021-22 (upto May 2021) was 92.8 lakh MT. CAGR in production of Total Chemicals and Petrochemicals during the period 2015-16 to 2019-20 is 5.74%. Alkali Chemicals accounts for around 72% of the total production of Major Chemicals for the year 2021-22 (upto May 2021). The petrochemical demand is expected to grow at 7.5% CAGR from FY 2019-23, with polymer demand growing at 8% The agrochemicals market in India is expected to grow at 8% CAGR reaching $3.7 bn by FY22 and $4.7 bn by FY25.

The specialty chemicals constitute 18% of total chemicals and petrochemicals market in India. As of FY19, the total market size is around $32 bn. The demand for speciality chemicals is expected to grow at 12% CAGR from FY19-22. Export of Plastic and Linoleum was valued at $753.30 bn in August 2021 with a positive growth of 16.16% over exports of $648.49 bn in August 2020.

The Union Cabinet chaired by the Prime Minister, Shri Narendra Modi has given its approval to introduce the Production-Linked Incentive (PLI) Scheme in Advance Chemistry Cell Battery for Enhancing India's Manufacturing Capabilities and Enhancing Exports – Atmanirbhar Bharat. Srichakra Polyplast has commissioned a food-grade quality recycled polyethylene terephthalate (PET) pellet facility and a new polyolefins recycling facility to produce deodorised bottle-to-bottle grade quality polyolefin pellets.

The Hyderabad-based plastic recycling and waste management company has invested $10 mn to strengthen its recycling capabilities for high grade recycled plastic to customers in India and global markets such as Europe and US. West Bengal received around 15 proposals for manufacturing biofuel, entailing an investment of Rs 2,666 crore.

Industry Trends are as follows:

Agro-chemicals
India's agrochemical sector is projected to grow at 8-10% CAGR till 2025.

Petrochemicals
The petrochemicals segment in India is expected to see a domestic demand growth of 8% CAGR over the next decade. Moreover, petrochemical capacity is projected to grow by more than 40 percent over the next five to seven years.

Fertilizers
As of FY18, the Indian fertilizer market was around $64 bn. The market is expected to grow at 13% CAGR from FY19-23 to around $138 bn.

Specialty Chemicals
Specialty chemicals account for more than 50% of total chemical exports from India

-Rajiv Parikh

Worldwide Crotonic Acid Industry to 2025 - Featuring Central Drug House, ALB Technology and Penta Manufacturing Among Others

DUBLIN, Sept. 17, 2021 /PRNewswire /The increasing consumption of crotonic-acid-based dispersions in paints, coatings, and adhesives will steer the crotonic acid market at a CAGR of 7.9% during the forecast period (2021-2025). Adhesives containing this acid offer rapid solidification, owing to which their application has significantly surged in high-speed manufacturing lines, such as those of packaging and textiles. The soaring demand for these adhesives will propel the market to $853.7 million by 2025 from $592.0 million in 2020.

Thus, the expansion of the adhesives industry is one of the key factors contributing to the crotonic acid market growth. The acid is used as a comonomer with vinyl acetate, to produce copolymers that are primarily utilized in the formulation of adhesives. For example, hot-melt adhesives are usually developed by grafting crotonic and acrylic acids onto metallocene ethylene-octene copolymers. Additionally, technological advancements have led to the preparation of improved adhesives that offer exceptional flexibility, performance, and bond strength under a wide temperature range.

Another key factor driving the market is the spurring demand for paints and coatings. This acid is a vital ingredient of these products as it can form copolymers when blended with other chemical compounds. Additionally, when the crotonic acid monomer is copolymerized with other compounds, it results in a thickener, which is applied in the manufacturing of glossy emulsion paints. These paints offer extra glow and protection to the interiors and exteriors of buildings. Thus, the soaring demand for glossy emulsion paints will facilitate market growth in the forecast years.

The categories under the application segment of the crotonic acid market include coatings, fungicides, adhesive resins, plasticizers, and intermediates. Among these, the adhesive resins category dominated the market in 2020, and it is expected to maintain its lead throughout the forecast period.

This is due to the rising application of crotonic acid in the manufacturing of copolymer dispersions for adhesive resins. Thus, the spurring demand for these adhesive formulations in the electronics, textile, packaging, and automobile industries will define the positive growth outlook for this category.

Further, the end user segment of the crotonic acid market is categorized into chemical, pharmaceutical, paints and coatings, automobile, packaging, textile, and electronics. Among these, the paints and coatings category held the largest market share in 2020, and it is expected to register the fastest growth in the forecast years.

This can be owed to the exponential use of crotonic-acid-based binders in paints and coatings to hold the pigments in place by binding them and form a coating layer. The spiking demand for paints and coatings from the automotive, packaging, and construction sectors will fuel the growth of this category.

Globally, China dominated the crotonic acid market during the historical period (2016-2020), and it is expected to reflect the same trend in the forecast years. Additionally, the Chinese market is also projected to demonstrate the fastest growth throughout the forecast period.

This can be ascribed to the magnifying demand for adhesives and paints and coatings for the repair and renovation of residential and commercial buildings. Moreover, the growing application of crotonic acid as a plasticizer, fungicide, and intermediary in the chemical, agriculture, and pharmaceutical industries will boost the market growth in China.

Read the full report : press@research-andmarkets.com

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

Backed by Demand from Fine Fragrance Industry, Asia Pacific to Produce 1.8X More Aroma Chemical then Europe and US

NEW YORK, Sept. 17, 2021 / PRNewswire/ -- As per in-depth analysis by Fact.MR, the global aroma chemicals market is anticipated to exhibit steady growth during the forecast year from 2021 to 2031. Increasing application of aroma chemicals across fragrance, cosmetics, and food & beverage industry is estimated to drive the growth of aroma chemicals market.

In recent years, a rapid shift in consumer preference from using synthetic aroma chemicals to natural ones is witnessed, due to its healing attributes such as energy enhancing, mood lifting, calming, and relaxing. On account to this, leading players are initiating new product launches, capacity expansions, and strategic alliances to meet the increasing demand for natural aroma chemicals.

For instance, in September 2019, BASF, the German multinational chemical company, announced acquiring Isobionics, a leading biotechnology firm focus aroma chemicals, and entering into a partnership with Conagen, a leading biotechnology research firm. The strategy will assist the company to broaden its natural flavors and fragrance ingredients portfolio. These developments in the landscape is expected to propel the demand for natural aroma chemicals.

Aroma chemicals are extensively used in personal care and cosmetic products, such as facemasks, creams, body lotions, aftershaves, soaps, and shampoos others. Thus, the increase in per capita disposable income and rise in standard of living of the population is augmenting the demand for aforementioned products, in turn, spurring the sales of aroma chemicals.

"Growing trend of aromatherapy for maintaining psychological and emotional wellbeing and increasing adoption of naturally sourced aroma chemical in food and cosmetics products are estimated to facilitate the market growth in the coming years," says a Fact.MR analyst.

Read the full report : https://www.factmr.com/connectus/sample?-flag=S&rep_id=5374

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

Global Biopesticides Market (2020 to 2030) - by Product, Source, Formulation, Usage, Application and Region

DUBLIN, Sept. 17, 2021 /PRNewswire/ -- The "Global Biopesticides Market 2020-2030 by Product, Source, Formulation, Usage, Application, and Region: Trend Forecast and Growth Opportunity" report has been added to ResearchAndMarkets.com's offering.

The Global biopesticides market will reach $19.85 billion by 2030, growing by 15.6% annually over 2020-2030 owing to the exponentially growing food industry due to the rising population, the low R&D costs associated with the manufacturing and development of biopesticides, the environmental safety with the use of biopesticides, and increasing government initiatives across the globe. In terms of sales volume, the market will grow at a 2020-2030 CAGR of 10.4%.

This report is based on a comprehensive research of the entire global biopesticides market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2017-2019 and provides estimate and forecast from 2020 till 2030 with 2019 as the base year.

Read the full report : hhttps://www.researchandmarkets.com/r/2dts6u

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

Archroma Announces Chief Financial Officer Succession

Reinach, Switzerland, 18 August 2021 - Archroma, a global leader in specialty chemicals towards sustainable solutions, today announced that it has appointed Thomas Bucher as its new Chief Financial Officer (CFO) effective 1 October 2021, replacing Roland Waibel who will retire.

Thomas Bucher has a long career in Finance, having held CFO roles with leading industrial and services companies as well as senior Finance roles in the chemical sector. He joins Archroma from Alpiq Holding AG, where he has been Group CFO and a Member of the Executive Management Board since 2015. Prior to Alpiq, Thomas Bucher was Group CFO at Gategroup for 6 years, where he supported the company's listing and subsequent strategic repositioning, and before that he held a number of senior Finance roles at Ciba Specialty Chemicals over more than 12 years.

Chief Executive Officer Heike van de Kerkhof comments: "We are very happy

to have Thomas Bucher join us, and add his financial expertise to support our agenda towards confirming Archroma as an undisputed leader in innovative and sustainable specialty chemicals, supported by solid and profitable growth."

She adds: "I want to thank Roland Waibel for his many contributions since the beginning of Archroma in 2013. He has played an important role helping the company deliver on our growth whilst building a strong finance expert team and expertise at Archroma."

"I am very excited to join Archroma and a team who has shown amazing agility and market relevance in the recent years," adds Thomas Bucher, "transforming itself to operate ever more efficiently, profitably and sustainably."

Source : Chemical Market

Clariant Acquires Remaining 70 Percentage in Brazilian Personal Care Specialty Company Beraca to Seize Full Control

- Personal Care business strengthened by assuming full operational ownership of Beraca's broad portfolio of natural ingredients, supporting growing customer demand for sustainable and ethically sourced materials
- Clariant to build on Beraca's outstanding expertise in natural and organic certified ingredients sustainably drawn from Brazil's biodiversity
- Clariant to continue Beraca's contributions to Brazilian social and economic development of local communities

Muttenz/São Paulo, August 23, 2021 – Clariant, a focused, sustainable and innovative specialty chemicals company, has signed an agreement to acquire the remaining 70% in Brazilian Personal Care Specialties company Beraca from the founding Sabará family. Clariant has held a 30% stake in the company since 2015. The purchase price will not be disclosed. The acquisition is subject to regulatory approvals and is expected to close in Q4 2021.

Beraca is one of the key manufacturers of natural ingredients for the personal care sector offering inter alia fats, oils and botanicals, which are all collected and extracted in an environmentally

Continued On Page 39

MYOVANT SCIENCES AND PFIZER ANNOUNCE FDA ACCEPTANCE OF SUPPLEMENTAL NEW DRUG APPLICATION FOR MYFEMBREE® FOR THE MANAGEMENT OF MODERATE TO SEVERE PAIN ASSOCIATED WITH ENDOMETRIOSIS

- Filing in endometriosis is supported by data from the Phase 3 SPIRIT program
- FDA PDUFA target action date is May 6, 2022

BASEL, Switzerland and NEW YORK, Sept. 09, 2021 (GLOBE NEWSWIRE) -- Myovant Sciences (NYSE: MYOV) and Pfizer Inc. (NYSE: PFE) announced that the U.S. Food and Drug Administration (FDA) accepted for review a supplemental New Drug Application (sNDA) for MYFEMBREE® (relugolix 40 mg, estradiol 1 mg, and norethindrone acetate 0.5 mg) for the management of moderate to severe pain associated with endometriosis. The FDA set a target action date of May 6, 2022 for this sNDA under the Prescription Drug User Fee Act (PDUFA).

"Women with endometriosis often experience debilitating symptoms that impact their daily lives – and unfortunately, many of them do not find relief with the medical options that are currently available," said Juan Camilo Arjona Ferreira, M.D., Chief Medical Officer of Myovant Sciences, Inc. "If approved for this indication, we believe MYFEMBREE has the potential to redefine care for women with endometriosis as an effective, one pill, once-a-day treatment option."

The sNDA submission in endometriosis is supported by results from the Phase 3 SPIRIT program, which included two multinational, replicate pivotal clinical studies (SPIRIT 1 and SPIRIT 2) in over 1,200 women with pain associated with endometriosis for 24 weeks, and an open-label extension study for eligible women who completed either SPIRIT 1 or SPIRIT 2 through one year.

"The submission of the sNDA for MYFEMBREE to treat endometriosis pain reflects our commitment to addressing areas of significant unmet need in women's health," said James Rusnak, M.D., Ph.D., Senior Vice President, Chief Development Officer, Internal Medicine and Hospital, Global Product Development at Pfizer. "We look forward to potentially bringing this important new treatment option to women with endometriosis."

In the U.S., MYFEMBREE is currently available for the management of heavy menstrual bleeding associated with uterine fibroids in premenopausal women, with a treatment duration of up to 24 months. The FDA approved MYFEMBREE for this indication on May 26, 2021, based on data from the Phase 3 LIBERTY program. Myovant and Pfizer are jointly developing and commercializing MYFEMBREE in the U.S.

Source : Sumito Dainippon Pharma

TAKEDA'S EXKIVITY™ (MOBOCERTINIB) APPROVED BY U.S. FDA AS THE FIRST ORAL THERAPY SPECIFICALLY DESIGNED FOR PATIENTS WITH EGFR EXON20 INSERTION+ NSCLC

- Approval based on Phase 1/2 trial results, which demonstrated clinically meaningful responses with a median duration of response (DoR) of approximately 1.5 years
- Next-generation sequencing (NGS) companion diagnostic test approved simultaneously to support identification of patients with EGFR Exon20 insertion mutations

OSAKA, Japan, and CAMBRIDGE, Mass. September 15, 2021 – Takeda Pharmaceutical Company Limited (TSE:4502/NYSE:TAK) ("Takeda") today announced that the U.S. Food and Drug Administration (FDA) has approved EXKIVITY (mobocertinib) for the treatment of adult patients with locally advanced or metastatic non-small cell lung cancer (NSCLC) with epidermal growth factor receptor (EGFR) exon 20 insertion mutations as detected by an FDA-approved test, whose disease has progressed on or after platinum-based chemotherapy. EXKIVITY, which was granted priority review and received Breakthrough Therapy Designation, Fast Track Designation and Orphan Drug Designation from the FDA, is the first and only approved oral therapy specifically designed to target EGFR

Exon20 insertion mutations. This indication is approved under Accelerated Approval based on overall response rate (ORR) and DoR. Continued approval for this indication may be contingent upon verification and description of clinical benefit in a confirmatory trial.

"The approval of EXKIVITY introduces a new and effective treatment option for patients with EGFR Exon20 insertion+ NSCLC, fulfilling an urgent need for this difficult-to-treat cancer," said Teresa Bitetti, president, Global Oncology Business Unit, Takeda. "EXKIVITY is the first and only oral therapy specifically designed to target EGFR Exon20 insertions, and we are particularly encouraged by the duration of the responses observed with a median of approximately 1.5 years. This approval milestone reinforces our commitment to meeting the needs of underserved patient populations within the oncology community."

The FDA simultaneously approved Thermo Fisher Scientific's Oncomine Dx Target Test as an NGS companion diagnostic for EXKIVITY to identify NSCLC patients with EGFR Exon20 insertions. NGS testing is critical for these patients, as it can enable more accurate diagnoses compared to polymerase chain reaction (PCR) testing, which detects less than 50% of EGFR Exon20 insertions.

"EGFR Exon20 insertion+ NSCLC is an underserved cancer that we have been unable to target effectively with traditional EGFR TKIs," said Pasi A. Jänne, MD, PhD, Dana Farber Cancer Institute. "The approval of EXKIVITY (mobocertinib) marks another important step forward that provides physicians and their patients with a new targeted oral therapy specifically designed for this patient population that has shown clinically meaningful and sustained responses."

"Patients with EGFR Exon20 insertion+ NSCLC have historically faced a unique set of challenges living with a very rare lung cancer that is not only underdiagnosed, but also lacking targeted treatment options that can improve response rates," said Marcia Horn, executive director, Exon 20 Group at ICAN, International Cancer Advocacy Network. "As a patient advocate working with EGFR Exon20 insertion+ NSCLC patients and their families every day for nearly five years, I am thrilled to witness continued progress in the fight against this devastating disease and am grateful for the patients, families, healthcare professionals and scientists across the globe who contributed to the approval of this promising targeted therapy."

The FDA approval is based on results from the platinum-pretreated population in the Phase 1/2 trial of EXKIVITY, which consisted of 114 patients with EGFR Exon20 insertion+ NSCLC who received prior platinum-based therapy and were treated at the 160 mg dose. Results were presented at the 2021 American Society of Clinical Oncology (ASCO) Annual Meeting from the Phase 1/2 trial and demonstrated a confirmed ORR of 28% per independent review committee (IRC) (35% per investigator) as well as a median DoR of 17.5 months per IRC, a median overall survival (OS) of 24 months and a median progression-free survival (PFS) of 7.3 months per IRC.

The most common adverse reactions (>20%) were diarrhea, rash, nausea, stomatitis, vomiting, decreased appetite, paronychia, fatigue, dry skin, and musculoskeletal pain. The EXKIVITY Prescribing Information includes a boxed warning for QTc prolongation and Torsades de Pointes, and warnings and precautions for interstitial lung disease/pneumonitis, cardiac toxicity, and diarrhea. The FDA review was conducted under Project Orbis, an initiative of the FDA Oncology Center of Excellence (OCE), which provides a framework for concurrent submission and review of oncology products among international partners. We look forward to continuing our work with regulatory agencies across the globe to bring mobocertinib to patients.

Source : Takeda

ROCHE LAUNCHES THREE RESPIRATORY TEST PANELS ON COBAS 6800/8800 SYSTEMS IN CE MARKETS TO HELP IDENTIFY MULTIPLE PATHOGENS WITH OVERLAPPING SYMPTOMS IN PATIENTS

- Acute respiratory infections are one of the leading causes of death and disability globally, presenting substantial health challenges especially for infants, the elderly and the immunocompromised.[1-3]
- Three new molecular diagnostic test panels for influenza and other common respiratory illnesses can be run

together or alone using one patient sample.

- Flexible syndromic testing tailored to patient needs reduces unnecessary testing and provides clinicians with actionable insights sooner when compared to conventional methods.
- This flexible solution will enable Roche to provide a broad range of respiratory targets with up to three tests out of one sample and can be combined with our COVID-19 offering on cobas® 6800/8800 Systems.

Basel, 22 September 2021 - Roche (SIX: RO, ROG; OTCQX: RHHBY) today announced the launch of three molecular PCR diagnostic test panels to simultaneously detect and differentiate common respiratory pathogens:

- influenza A, influenza B and respiratory syncytial virus (RSV)
- adenovirus (ADV), human metapneumovirus (hMPV) and enterovirus/rhinovirus (EV/RV)
- parainfluenza 1, 2, 3 and 4

The three tests can be run together or individually from a single nasopharyngeal swab specimen. As respiratory viruses circulating within a community can vary depending on seasonality and geography, a flexible testing option based on a syndromic-style panel enables personalised healthcare and helps reduce unnecessary testing.

Patients with respiratory infections often have signs and symptoms that are indicative of the disease, but are not specific enough to discern the root cause of the illness. Syndromic testing allows clinicians to test patients simultaneously for multiple pathogens based on overlapping symptoms. By detecting the most common pathogens that cause disease on a flexible set of test panels together, clinicians are provided with actionable insights so the right therapeutic can be prescribed sooner compared to conventional test methods. This in turn enables timely infection control, proper hospital bed management and improved patient care.

"Our latest set of syndromic respiratory solutions allows clinicians to choose the appropriate tests based on the healthcare setting, season and patient needs," said Thomas Schinecker, CEO Roche Diagnostics. "By testing only what is medically relevant and necessary, we enable targeted therapy, avoid misuse of antibiotics and reduce unnecessary intervention." These new respiratory test panels run on the cobas omni Utility Channel for use with the widely available, high-volume cobas® 6800/8800 Systems, which have proven to bring reliable results quickly to meet the urgent demand for patient testing during the COVID-19 pandemic. Addition of these tests will equip health systems to combat new respiratory diseases when they arise. Roche is looking to expand availability of these tests beyond CE markets in the future.

Source : Roche

CHEMICAL TECHNOLOGY

DOW AND CROCS ANNOUNCE A NEW COLLABORATION TO HELP LOWER THE CARBON FOOTPRINT OF CROCS' ICONIC FOOTWEAR

MIDLAND, Mich. – September 14, 2021 – Dow (NYSE: DOW), and Crocs Inc., a global leader in innovative casual footwear, have announced an exciting collaboration to create shoes that balance environmental responsibility with effective performance. Dow will supply bio-based materials for use in Crocs' manufacturing process, which have an even lower CO2 impact than their current Croslite™ material, providing a more sustainable choice for Crocs' customers everywhere.

This involves Crocs introducing bio-based Croslite™ into its shoes – the predominant material in Crocs footwear. This bio-based material uses Dow's new ECOLIBRIUM™ technology to create a more sustainable solution with a lower CO2 impact.

New bio-based Croslite™ will be introduced to modify Crocs' existing product lines, uniquely positioning the brand to create a lower carbon footprint footwear as opposed to creating a new and separate sustainable line. This approach provides Crocs' customers with the same performance and comfort they expect from the brand, while offering them a product with a lower environmental impact.

The collaboration unites both brands in their journey toward carbon neutrality, with Crocs aiming to reduce the carbon

footprint of its shoes by 50 percent by 2030* as part of the brands overall commitment to becoming a net zero brand. Similarly, Dow is working towards reducing its net annual carbon emissions by 5 million metric tons by 2030, and is working relentlessly with customers to help them cut their emissions, embracing alternative feedstocks as one of many solutions.

"We're thrilled to be working with Crocs to help reduce the carbon footprint of its footwear," said Diego Donoso, business president for Packaging & Specialty Plastics at Dow. "We're continually looking to collaborate with like-minded companies, such as Crocs, to support with their carbon reduction goals and work towards more circular solutions. We know that consumers are increasingly demanding more sustainable products and paying careful consideration to where their goods come from and how they are made. So, it's a very exciting opportunity for Dow to answer this consumer demand in a new way, while supporting the sustainability journey of a well-loved and iconic brand."

"We're exploring the many possibilities the collaboration with Crocs will bring and look forward to embarking on a lasting and meaningful alliance that provides more sustainable footwear choices for Crocs wearers everywhere."

Crocs CEO Andrew Rees adds, "For Crocs, achieving our goal to be net zero by 2030 is a top priority, and it couldn't be done without the right partner who was equally as invested in working with us to start by reducing the carbon footprint of our footwear. Dow's ECOLIBRIUM™ Technology is a best-in-class solution, resulting in a shoe that delivers the comfort customers expect from Crocs, but is much better for the planet.

We're grateful for Dow's long-standing partnership and continued innovation, enabling Crocs to reveal the 'shoe of the future' as the first footwear brand to go-to-market with this technology."

To learn more about how Crocs is taking action to create a more comfortable world, visit https://www.crocs.com/crocs-purpose.html.

As a leading materials science company, Dow is at the forefront in driving the transformational change that is needed to tackle the challenges of climate change and the environment. The collaboration represents another key example of Dow's continued effort to address both carbon footprint and accelerate circular solutions.

To learn more about how we can enjoy the footwear we love while lowering our carbon footprint, visit www.dow.com/sustainablefootwear.

Soure : Dow

REPSOL SELECTED LYONDELLBASELL'S SPHERIZONE TECHNOLOGY

ROTTERDAM, the Netherlands, August 30, 2021 – LyondellBasell (NYSE: LYB) today announced that Repsol has selected LyondellBasell's leading polypropylene (PP) technology for the expansion of their existing facility. The 300 KTA Spherizone plant will be built in Repsol's existing industrial complex in Sines, Portugal.

"Being able to produce added-value polymer grades on a benchmark cost basis is of increasing importance to our licensees, and our Spherizone technology is widely recognized as meeting those industry needs." said Neil Nadalin, Director of Licensing at LyondellBasell. Nadalin added, "We are very excited to announce that Repsol has again chosen LyondellBasell as licensor for their polypropylene expansion in Europe. Repsol's choice of the Spherizone process for their Sines integrated petrochemicals site shows confidence in the technology to make superior polypropylene products serving a demanding and evolving polymer market,"

According to José Luis Bernal, Repsol Química Executive Director, "With this new PP plant in our Sines industrial complex, we will significantly increase our polypropylene production capacity for highly differentiated applications. Furthermore, thanks to its privileged location and new logistics facilities, its connection with the European market will be enhanced while reducing the carbon footprint during distribution."

The Spherizone multi-zone circulating reactor (MZCR) provides a unique and innovative platform to manufacture polypropylene products with novel architecture and enhanced product properties. With this plant, more than 25 Spherizone plants have been licensed worldwide.

The plant will commence operation using LyondellBasell's Avant ZN catalyst. New licensees take advantage of LyondellBasell's in-house expertise of continuous production improvement, continuous product development and catalyst know-how, by optionally joining our Technical Service program.

Source : LyondellBasell

BASF INTRODUCES IRGACYCLE™, NEW ADDITIVE SOLUTIONS FOR MECHANICAL RECYCLING OF PLASTICS

- IrgaCycle™ improves the properties of mechanically recycled plastics for different target industries
- Novel plastic additive combinations for recyclers, compounders and converters
- Tailored to enhance the quality of post-consumer and post-industrial polyolefin material for re-use in rigid, flexible and molding applications
- Newest addition to VALERAS™, BASF's brand for its plastic additives portfolio that enables customers to achieve their sustainability goals

Ludwigshafen, Germany – September 14, 2021 – BASF has launched IrgaCycle™, a new range of additive solutions to address the imminent needs in plastics recycling.

The plastics industry is seeking ways to incorporate higher content of recycled polymeric material in all major applications to meet sustainability goals, while facing growing consumer concerns and stricter regulatory requirements to reduce plastic waste. Hereby a major challenge is to mitigate quality deficiencies of polymers arising from thermal and mechanical stress during the recycling process.

Recycled plastics often contain impurities and polymer contaminants that accelerate polymer degradation, which change the material properties. Consequently, recyclers and plastic converters are facing quality and performance issues while processing recycled polymeric material. Formulated additive packages improving the properties of these recycled plastics can be a solution for this challenge.

"The production of plastics from mechanical recycling is expected to almost triple by 2030, driven by improved technologies and regulation. This corresponds to a growth of around 10 percent

per year," says Dr. Thomas Kloster, President of BASF's Performance Chemicals division. "With IrgaCycle we are expanding our existing portfolio step by step by specific solutions for recycling to support the circular economy goals for plastics."

The new IrgaCycle range includes additive solutions that can help increase the percentage of recycled content in several end-use applications such as packaging, automotive & mobility, and building and construction. These solutions address specific quality issues associated with recycled resins, such as limited processability, poor long-term thermal stability and insufficient protection from outdoor weathering. At launch, the product line includes a range of different additive formulations, with more to follow in the future.

IrgaCycle PS 030 G enhances long-term thermal stability in rigid applications, mainly for recycled HDPE, polyolefins and mixed polymers.

IrgaCycle PS 031 G improves processing and long-term thermal stability of recycled LDPE and LLDPE for incorporation into films and related flexible packaging applications.

IrgaCycle PS 032 G provides processing stability and long-term thermal protection for recycled PP and polyolefin blends containing impurities.

IrgaCycle UV 033 DD combines weathering stability with enhanced thermal and processing stability for reclaimed HDPE and PP blends for re-use in outdoor goods.

IrgaCycle XT 034 DD rejuvenates processing, long-term heat stability and helps neutralize impurities of the "first life" of the plastic, and with this improves mechanical properties of polyolefin recyclates.

A specific advantage of these blends lies in their ready-to-use product forms, which are easy to apply in the recycling steps. The granulated non-dusting product form ensures safe and easy dosage during converting or compounding of reclaimed material.

"We have formulated these solutions based on our extensive experience in the plastics industry, combining the high quality of our antioxidants and light stabilizer systems with our appli-

cation expertise," says Dr. Volker Bach, Global Lead Innovation at BASF Plastic Additives. "With our global setup we are able to engage across the entire value chain of the recycling industry, be it with brand owners or converters alike and in all regions."

The IrgaCycle range is offered as part of the VALERAS portfolio. In addition to enabling plastics circularity with IrgaCycle, VALERAS solutions bring significant sustainability value to plastic applications by improving durability, reducing waste, saving energy, reducing emissions, and promoting biodiversity.

Source : BASF

SABIC, ST. JOHNS PACKAGING AND KINGSMILL LAUNCH WORLD'S FIRST EVER BREAD PACKAGING BASED ON RECYCLED POST-CONSUMER PLASTIC

SABIC, a global leader in the chemical industry, has announced the successful roll-out of another project as part of its TRUCIRCLE™ program to accelerate the implementation of a circular plastic economy. Allied Bakeries, a major UK based supplier of bakery products, has introduced bread bags made by St. Johns Packaging using SABIC's certified circular polyethylene (PE) in the packaging of their Kingsmill No Crusts 50/50. Following the kick-off of the joint project in November 2020, the trial phase was completed in May 2021 at the St. Johns Packaging production site in China and Kingsmill introduced the bags made from PE film with certified circular polymers content to UK stores in September 2021.

The bags are made by St. Johns Packaging, a vertically integrated manufacturer of flexible packaging products with operations around the world, using a PE resin grade from SABIC. The bags incorporate a 30 percent content of recycled feedstock from post-consumer waste. Using advanced recycling, the used and mixed plastic is converted into pyrolysis oil which is then used in the production of new polymers with the same purity and quality as traditional virgin plastics.

"For such solutions to work in the long-term, the partners in the material value chain must closely collaborate," says Abdullah Al-Otaibi, General Manager, ETP & Market Solutions at SABIC. "With our TRUCIRCLE program, we are pushing for innovative business models to transform our industry from a linear to a circular one and help prevent the valuable material of end-of-life plastic applications from being wasted. Within a relatively short time, this remarkable joint project has shown what can be achieved to make this vision come true if all players work together to maximize post-consumer plastic recycling and sustainability."

SABIC's circular materials are produced using mass balance accounting according the International Sustainability & Carbon Certification (ISCC) PLUS program which follows a set of predefined

and transparent rules for tracking the material flow across complex supply chains from the feedstock to the final application.

Chris Craig, Joint MD at Allied Bakeries said, "At Kingsmill we're fully committed to finding ways to address the plastic challenge that all food producers are facing. Of course, this is just one of our products, but it's an important step that shows how food manufacturers and packaging suppliers are working together to bring about much needed change. We really need more soft plastics to be recycled so that there is more material available for projects like this. We want everyone in the UK to know that bread bags can and should be recycled by taking them to larger stores, but what we really need is for the UK Government to bring forward the date when soft plastics like bread bags can be recycled as part of home kerbside collections."

"St. Johns Packaging is truly committed to developing sustainable and economically viable packaging solutions for the baking industry, while at the same time reducing food and plastic waste. The incorporation of recycled content has been a key area of focus over the past few years. By supporting the circular economy, giving value to plastics and promoting its use into other packaging products, we hope to contribute efforts to tackle the enormous challenge of improving recycling rates and finding solutions to the plastic waste issue. We welcome the advanced recycling route offered by SABIC as an opportunity to make a meaningful contribution to the circularity of plastics", adds Marc Leclair, President at St. Johns Packaging. "In collaboration with strong global partners, this breakthrough project is demonstrating the feasibility of reusing plastic waste in safe food-grade packaging rather than losing its value to landfill or incineration."

SABIC' s certified circular polymers form part of its TRUCIRCLE™ portfolio and services for circular solutions that also include design for recyclability, mechanically recycled products, certified renewables products from bio-based feedstock and closed loop initiatives to recycle plastic back into high quality applications and help prevent valuable used plastics from becoming waste.

Source : Sabic

DOW AND BOLLORÉ COLLABORATE TO DEVELOP GROUND-BREAKING RECYCLABLE FOOD-CONTACT BARRIER SHRINK FILM, CONTAINING CIRCULAR POLYMERS (MRGERS)

HORGEN, Switzerland – September 15, 2021 – Dow (NYSE: DOW) and Bolloré have joined forces on a pilot project which enables the use of recycled content in new food-contact packaging applications which can in turn be recycled after use. This partnership marks another step forward in Dow's circularity ambitions introducing more packages on shelves which contain circular polymers, derived from plastic waste.

Bollore's OXBTEC_RCB (Recyclable Circular-Based) barrier shrink film is manufactured with highquality circular polymers from Dow. These polymers come from a feedstock made from 100 percent plastic waste and are developed using advanced recycling. This ground-breaking technology enables mixed used plastics to be broken down into their basic chemical elements and repolymerized into the equivalent of virgin plastic which can then be used in new food-contact applications. Advanced recycling is complementary to conventional recycling processes like mechanical recycling.

This is an important development as it enables hard-to-recycle plastics to be recycled and, importantly, used safely and effectively in food-contact applications, rather than ending up in landfill or incineration. In addition, advanced recycling processes are expected to save approximately 1.5 tonnes of CO2 per tonne of plastic recycled, compared to incinerationi of unrecycled plastics.

This pioneering film is to be rolled out first in the UK, in September, where it will be exclusively distributed by Yorkshire Packaging Systems (YPS), a long-established partner of Bolloré. It will be incorporated into production by their customer Cranswick, a leading supplier of meat and poultry, for the packaging of their whole bird products. Both YPS and Cranswick have comprehensive sustainability pledges in place, for which the introduction of OXBTEC_RCB shrink film represents a significant addition. YPS has committed to a 'plastic promise', whereby the business will supply only fully-recyclable, On-Pack Recycling Label (OPRL) approved flexible films to their customers, while also focusing on expanding their offering of films containing recycled content. The fresh food giant has meanwhile launched 'Second Nature', an extensive blueprint towards becoming the world's most sustainable meat business.

"This is an exciting collaboration and we are thrilled to be working with Bolloré, YPS and Cranswick to launch this high-quality, safe and recyclable packaging made from pioneering circular polymers" commented Peter Sandkühler, Sustainability Director at Dow. "We are committed to making significant progress to accelerate a circular economy for plastics, as well as deliver against the EU's target for all plastic packaging to be reusable or recyclable in a cost-effective manner by 2030. This is another step in the right direction, and we look forward to working in partnership with Bolloré to achieve our joint ambitions to tackle some of the world's greatest environmental issues."

Nicolas Badier, Product and R&D Manager from Bolloré said: "We are thrilled with the successful technological advances that made it possible for us to present now a certified recyclable barrier filmii for modified atmosphere packaging (MAP), which overcomes one of the biggest challenges of the industry and allows a film with recycled content to be used in food contact applications. Furthermore, our film helps brand owners and retailers to reach their sustainability goals and enables them to comply with newly introduced legislation and taxes concerning the use of plastic recycled materials in packaging."

"This film represents the holy grail for MAP food applications such as poultry wrapping and is the result of much research, development and stringent testing by Dow and Bolloré. I am delighted therefore that YPS can spearhead the integration of this revolutionary product across the UK by delivering it first and foremost to Cranswick's eco-conscious customer base." Said Josh Gibson, Sales Director at Yorkshire Packaging Systems.

Further to advancing a circular economy for plastics, Bolloré's barrier shrink f ilm – which is designed especially for the packaging of fresh food products - is also supporting the fight against food waste. According to the Food and Agriculture Organization of the United Nations, if food waste were a country, it would be the third largest emitting country of greenhouse gases in the worldiii . Bolloré's barrier shrink film can help prolong the

shelf-life of food. For example, by doubling the use-by date of poultry from seven days to 14, the entire supply chain is optimized by increasing the window of safe consumption for the public. The new product has been awarded BRC accreditation from the manufacturing stage to distribution and exceeds all hygiene and safety regulations.

Aligning with the Paris Agreement and the EU's wider action plan for a circular economy, Bolloré's aim is to promote the responsible use of plastic packaging, including the correct collection, recycling and reuse of these materials.

The announcement represents another step in Dow's efforts to meet its recently announced sustainability targets to address both climate change and plastic waste, which include:

- Protect the Climate: By 2030, Dow will reduce its net annual carbon emissions by 5 million metric tons, or 15% from its 2020 baseline. Additionally, Dow intends to be carbon neutral by 2050, in alignment with the Paris Agreement. The Company is committed to implementing and advancing technologies to manufacture products using fewer resources that help customers reduce their carbon footprints.

- Stop the Waste: By 2030, Dow will help "stop the waste" by enabling 1 million metric tons of plastic to be collected, reused or recycled through its direct actions and partnerships. The company is investing and collaborating in key technologies and infrastructure to significantly increase global recycling.

- Close the Loop: By 2035, Dow will help "close the loop" by enabling 100% of its products sold into packaging applications be reusable or recyclable. Dow is committed to redesigning and offering reusable or recyclable solutions for packaging applications.

Source : Dow

BASF AND CATL HAVE SIGNED A FRAMEWORK AGREEMENT TO ACCELERATE THE ACHIEVEMENT OF GLOBAL CARBON NEUTRALITY GOALS

- The cooperation is focused on cathode active materials and battery recycling

- The partnership supports both companies' commitment to global carbon neutrality and CATL's localization strategy in Europe

BASF SE (BASF) and Contemporary Amperex Technology Co., Limited (CATL) announced a strategic partnership on battery materials solutions, including cathode active materials (CAM) and battery recycling. The collaboration aims at developing a sustainable battery value chain, in support of CATL's localization in Europe and contributes to achieving both companies' global carbon neutrality goals.

CATL is a global leader in innovative new energy technologies. It is committed to providing premier solutions as well as services for new energy applications worldwide. CATL has launched its project to build up its first European factory in Germany to localize lithium-ion battery production. With this, it is accelerating the development of a local supply chain for European customers and consumers.

As the largest chemical supplier to the automotive industry, BASF has established a strong position in the CAM market including a global manufacturing and R&D footprint, and a broad portfolio of mid- to high-nickel, manga-

nese-rich, cobalt-free CAM. In Europe, BASF is introducing CAM production with an industry-leading carbon footprint through its advanced process technology, a secured local raw materials supply chain, a favorable energy mix for production, as well as short and effective logistics along the supply chain.

The strategic partnership with CATL allows BASF to closely work with a globally leading battery producer on CAM and battery recycling. This cooperation will deepen BASF's expertise and strengthen its global market position.

Through the partnership with BASF, CATL targets to improve its European service capabilities by developing a localized battery recycling network and a secure raw material supply chain in the

region.

"The transformation towards electromobility requires strong partnerships along the value chain," said Dr. Markus Kamieth, Member of BASF's Board of Executive Directors. "Pairing BASF's strong position as a leading supplier for cathode active materials with CATL's expertise in lithium-ion batteries will speed up innovation and the formation of a sustainable battery value chain worldwide."

"The partnership with BASF is another important step for our localization journey in Europe," said Zhou Jia, President of CATL. "With CATL's innovative battery technology and BASF's deep materials expertise, we will further enhance our capability to support our worldwide customers and accelerate the global drive towards carbon neutrality."

Source : BASF

INTERNATIONAL NEWS

MERCK OPENS SECOND PRODUCTION LINE FOR SILICA-BASED EFFECT PIGMENTS IN GERNSHEIM

- **Investment of nearly € 28 million in Gernsheim strengthens manufacturing site**
- **Merck's silica-based Colorstream® and Xirona® product ranges for automotive coatings and color cosmetics perfectly meet recent market trends**
- **New facility allows to capture growth opportunities**

Merck, a leading science and technology company, today opens a second production line for silica-based effect pigments. Around 750 employees work at this site, which is home to Merck's largest pigment production facility worldwide. With this investment, Merck will significantly increase production capacities for silicon dioxide flakes, a special substrate for Merck's Colorstream® and Xirona® product ranges for automotive coatings and color cosmetics. These pigments provide a unique color shift depending on the angle of observation. Especially the volcanic red of Colorstream® Lava Red shows an uncompromisingly dynamic color variety in continuous harmony and thus features striking automotive coatings while at the same time fulfill multiple technical requirements, like the ability to withstand the ravages of weather and UV rays.

"Silica-based pigments enable special effects, that are exceptionally well received by our customers and perfectly meet recent market trends," said Jeff White, Head of Surface Solutions at Merck. "Through this state-of-the-art production facility, we will significantly increase the capacity for silica-based pigments in Gernsheim and flexibility in order to capture these growth opportunities."

The investment of nearly € 28 million in a second silica production line in Gernsheim strengthens the manufacturing site and promotes the unique selling points of silica-based pigments within the global pigment portfolio of the Surface Solutions business unit of Merck.

Source : Merck

SOLVAY ADDS NEW THERMOPLASTIC COMPOSITE CAPACITY IN THE UNITED STATES

Greenville, September 16, 2021 --- Solvay announced today the installation completion of its new thermoplastic composites (TPC) manufacturing facility at its Greenville, South Carolina site. At full production capacity, the new line will add more than 30 positions at the 27,000-square-foot facility.

The project represents a major milestone in Solvay's efforts to industrialize its TPC capacity. A key driver for the world-class facility is growing demand from energy companies, supported by increasing aerospace and automotive demand. The new product line will have the ability to manufacture unidirectional composite tape from a range of high-performance polymers including PVDF, PPS and PEEK.

"The TPC solutions that will be manufactured in our Greenville facility will help our energy, aerospace and automotive customers achieve better environmental responsibility by mak-

ing cars and planes lighter, thereby reducing emissions," said Mike Finelli, president of Solvay's growth platforms. "Our new capacity and differentiated technologies will allow us to expand with our customers as TPCs gain momentum in a growing number of applications and play an important role in the energy transition."

The Greenville facility is part of a series of recent strategic investments in line with the Group's commitment to build the infrastructure required for the growing TPC market. Other recent commitments to the industry include Solvay's addition of capacity for TPC tape in Anaheim (CA), two new R&I centers in Brussels (BE) and Alpharetta (GA), and Solvay's membership in the TPRC consortium.

"Solvay's expansion is yet another example of the unparalleled success companies are finding in South Carolina. We thank Solvay for their continued partnership with our state and look forward to their future growth in Greenville County and beyond," said South Carolina Governor Henry McMaster.

Upon commercialization of the Greenville facility, Solvay will be uniquely positioned with proprietary technologies enabling the company to position the right product for the right application. Solvay's TPC portfolio includes Evolite™, which offers reliability and lower total cost of ownership in markets such as energy and automotive, and APC tapes, which offer significant weight and cost advantages in aerospace and urban air mobility applications.

Source : Solvay

AIR PRODUCTS TO SHOWCASE ITS WORLD-LEADING LNG EQUIPMENT AND TECHNOLOGY AT THE GASTECH CONFERENCE AND EXHIBITION IN THE UNITED ARAB EMIRATES

Air Products (NYSE:APD) will discuss its world-leading liquified natural gas (LNG) process technology and equipment and share some of its latest LNG developments and innovations at the Gastech Conference and Exhibition from September 21-23 at the Dubai World Trade Centre, United Arab Emirates.

Air Products' industry specialists will be on hand at the Air Products stand, #S2A58, to share information on a wide range of Air Products' products and services for the successful design, construction, start-up and operation of an LNG facility. Air Products' efficient liquefaction processes and equipment include mega-trains, mid-size and small trains, modular designs, designs suitable for offshore service and processes for a broad array of feedgas compositions and ambient conditions.

In addition, specialists from Rotoflow, an Air Products business, will be available to discuss turbomachinery needs. Rotoflow works with Air Products' LNG equipment and cycle experts to provide seamless product development and optimal liquefier performance for end users. Rotoflow hydraulic turbines are a new advancement that will be showcased at Gastech. Rotoflow is one of the industry's most trusted names in turbomachinery and has been designing, building and operating turbomachinery for over 125 combined years, resulting in superior equipment performance, reliability, safety and value.

The majority of total worldwide LNG is produced with Air Products' technology. In support of the LNG industry, Air Products provides process technologies and key equipment for the natural gas liquefaction process for large export plants, small and mid-sized LNG plants, floating LNG plants and LNG peak shavers. Upstream, Air Products provides both nitrogen and natural gas dehydration membrane systems for offshore platforms. Downstream, Air Products provides membrane nitrogen generators for LNG carriers and land-based membrane and cryogenic nitrogen systems for LNG import terminals and baseload LNG plants.

Source : Air Products

Continued from Page 28
sustainable production process. Located in the Amazon region, Beraca promotes the development of communities, making them part of the Personal Care business on a global scale while simultaneously being strongly committed to sustainability and fair trade processes. In more than 30 years since its foundation, Beraca has received several awards and recognition from customers and institutions as a leading company in ethical sourcing aspects for Personal Care ingredients. Since 2015, Beraca has invested significant resources in expanding research and innovation and has steadily increased production capacity. With around 90 employees, the family-run company generated sales of USD 15 million in 2020.

"With its focus on sustainable products and processes, Beraca fits perfectly into Clariant's portfolio," emphasizes Conrad Keijzer, CEO of Clariant. "We gain valuable access to natural materials based on the biodiversity of the Brazilian rainforest. This opens up great opportunities for high-quality growth for our Care Chemicals business."

"There is an increasing demand for ethically produced products on the world market, which we can meet even better with this acquisition," says Christian Vang, Head of Business Unit Industrial & Consumer Specialties. He welcomes the Beraca team: "The excellent and highly creative team has written an extraordinary success story over the past five years, which we now want to continue and further develop under the Clariant umbrella."

The acquisition of the remaining 70% in Beraca is a relevant building block in the strategy of further strengthening individual core business areas through targeted acquisitions. Beraca's business will be integrated into the Care Chemicals Business Area.

Source : Chemical Market

German Market Leader Wieland Electric Switches To Domamid® 6lvgt85 For Installation Connectors

- DOMAMID® a solution to all mechanical and flammability specifications
- From February 2020, with the acquisition of the TECHNYL® brand, DOMO offers a complete and complementary range of solutions based both on PA6 and PA66

Leuna, September 14, 2021 - Domo Chemicals, a leading integrated solution provider, and PA6 and PA66 supplier, to the plastics processing industry, is driving materials development to meet evolving market needs and is working with customers to select the best base materials for specific applications.

Recently, the German company, Wieland Electric, selected DOMAMID® 6LVGT85 for its installation connectors GST18i3 (3-pole) & GST18i5. These make up part of the gesis® pluggable electrical installation system for buildings, a flexible, future-oriented, and economic product range that meets all the requirements of modern energy distribution.

Certified to comply with the product specifications for these installation connectors DOMAMID® 6LVGT85 is a low viscosity grade for injection moulding, certified V2 at 0.75mm with a UL Yellow card, matching the PA66 previously used for the housing shells, and top and bottom parts of the product. The property profile with good flow and demoulding characteristics, as well as good particles crystallization, enables an optimized production process.

"DOMO is a long-term partner for our company and their flexible service and fast response times were crucial in finalizing the project to deadline. After a short sampling phase we selected DOMAMID® 6LVGT85, a solution that met all our mechanical and flammability specifications," explained Matthias Gewecke, Strategic Buyer at Wieland Electric.

In the E&E industry tests are performed on materials to compare their tendency to resist ignition, self-extinguish flames and to not propagate fire via dripping. Glow wire testing is one of the most relevant indirect flame methods where a non-flaming heat source is applied to the material sample. Specifically, the glow wire test is used to simulate heating effects that may arise in malfunctioning electrical equipment caused by an overloaded connection or component that is overheating. DOMAMID® 6LVGT85 has a glow wire resistance of 850°C on both test specimens and moulded parts, which were the specific values requested

VIEWS AND STATEMENTS

"We designed NORYL GTX 9500 resin to give our customers innovative new material options for applications that must retain their shape and performance in hot, humid environments. The launch of this new grade demonstrates our leadership in materials innovation and our focus on continuously improving and expanding our portfolio."

- Shinsuke Nakamoto, senior business manager, NORYL Portfolio, Asia Pacific, SABIC's Specialties business.

"Choosing the right process technology is critical to producing both renewable diesel and jet fuel from bio-feedstocks. The EMRD process provides an advanced solution that enables high yields while meeting stringent seasonal product specifications."

- James Ritchie, president of ExxonMobil Catalysts and Licensing LLC."

"We are proud to now bring both this superior ingredient and our global formulation capabilities to Brazilian consumers, and we look forward to expanding this offering in Brazil and beyond in Latin America, Brazil has the largest market for nutraceuticals in Latin America and the demand for omega-3 dietary supplements continues to grow strongly."

- Gilles Razzauti, director of Advanced Food Ingredients at Evonik's Health Care business.

"The TPC solutions that will be manufactured in our Greenville facility will help our energy, aerospace and automotive customers achieve better environmental responsibility by making cars and planes lighter, thereby reducing emissions, Our new capacity and differentiated technologies will allow us to expand with our customers as TPCs gain momentum in a growing number of applications and play an important role in the energy transition.".

- Mike Finelli, president of Solvay's growth platforms.

"To produce the recycled PE resins for the second pouch, we used our deinking technology to achieve the best outcome, The deinking process is key because it effectively removes ink from the plastic surface to obtain a plastic with similar characteristics to the raw virgin material which helps to provide high-quality pouch-to-pouch recycling. We are very happy to collaborate closely with all these leading companies and to demonstrate that Cadel's deinking technology is considered 'crucial' to achieve circularity in plastic."

- Pablo Cartagena, Business development manager at Cadel Deinking.

VIEWS AND STATEMENTS

"The proof of concept developed by our research team is a solution for PVDC packaging circularity. It shows there is a possibility to reintegrate the recycled polymer into future applications, meaning it can be re-used and re-blended with virgin materials – without losing or degrading its high barrier properties."

- Claire Guerrero, Global Marketing Manager for Packaging Segment and Sustainability

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"In an industry where hydrogen-specific product and project experience is hard to come by, LIFTE provides a unique combination of relationships, experience, technology, and capabilities, Our team members have delivered hydrogen projects on three different continents, developed industry-leading products, and understand how to localize global competencies. We have a proven track record of establishing commercial and technical advantage for our infrastructure partners."

- Matthew Blieske, CEO and co-founder of LIFTE H2. "

"This partnership represents a collaboration of strengths. As a development partner, Maire Tecnimont and its subsidiaries bring decades of expertise in the successful design and execution of nitrogen projects as well as in the creation of new technologies, including state-of-the-art zero carbon facilities. technology. Greenfield's development expertise, operational experience and market knowledge align well and position the two companies to play a critical role in achieving global decarbonization goals. "

-Linda Thrasher , President, Greenfield Nitrogen, LLC

"Ajedium Build Sheets are a natural extension of our proven high-performance Ajedium™ solutions for critical applications in markets from Aerospace and Automotive to Energy, Electrical and Electronics, Healthcare and Industrial, At the same time, they complement our portfolio of Radel® PPSU, KetaSpire® PEEK, Solef® PVDF filaments and new material solutions for additive manufacturing."

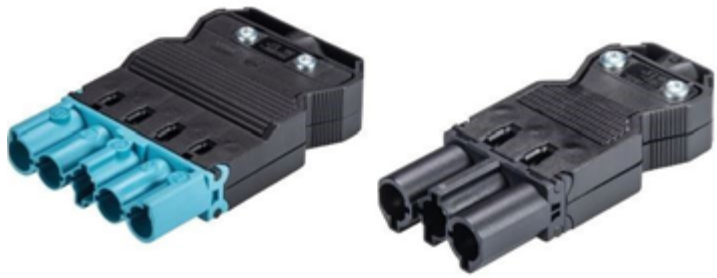
- Rodolfo Patricio, Aerospace & Defense Marketing Manager at Solvay.

"With Refinity, we offer Glasurit customers a single platform that incorporates all the essential business solutions they need into a one-stop shop offering with a simple user interface that has been designed for the body shop environment. Employing cloud computing technology, Refinity is managed, maintained and updated centrally: one platform, one password, one setup.

- Fabien Boschetti, Director, Global Marketing, BASF Automotive Refinish Coatings Solutions.

on the material characterisation.

"Since acquiring the TECHNYL® brand in February 2020, DOMO has offered both PA6 and PA66 materials. Our philosophy is to provide customers with the best solutions for their applications and support them in gaining a competitive advantage in their field. In this case the PA66 substitution has provided multiple benefits as good flow and fast crystallization have also resulted in better processability and cycle time reduction, not an easy achievement for a flame retardant solution with a glow wire resistance of 850°C down to 0.8mm," said Andrea Rizzo, Sales Manager at DOMO Engineered Materials.



Source : Chemical Market

Cooperation of Rühl Puromer and Covestro on DirectCoating More Component Performance and Design Freedom

- **Self-healing coating surfaces**
- **Good adhesion between polycarbonate and PU-RIM coating even during aging**
- **New methods for simulation of paint filling and component distortion**

DirectCoating (DC) with polyurethane (PU) coating systems is a new process for producing functionally highly integrated and nobly decorated plastic parts economically and sustainably. Rühl Puromer GmbH and Covestro have joined forces to expand the technology's suitability for large-scale production.

"We want to open up the process for broad use in electromobility and autonomous driving applications and use it, for example, to manufacture large-area decorative parts with multifunctional, seamlessly integrated display, operating and ambient lighting elements for car interiors," explains Dr. Olaf Zöllner, head of application development Europe in Covestro's Engineering Plastics business entity.

"We also see good opportunities in highly integrated passenger car exterior parts such as spoilers, radar covers, front fascias and pillar trim with touch panels for vehicle access. There is also great potential in medical, communications and IT technology," adds Dr. Ingo Kleba, managing director at Rühl Puromer.

Almost unlimited design freedom

The DC process combines two established technologies in one process: injection molding of thermoplastics and reaction injection molding (RIM) of PU systems. First, a thermoplastic carrier is produced in a mold cavity and then transferred to a second cavity, which is enlarged by the thickness of the coating layer. There, the PU system is then injected onto the carrier.

The PU coatings offer unusually great freedom in design. The surface of the component can be made transparent, translucent or colored through, and it can be made highly resistant to chemical media such as fatty skin creams or given leather-like soft-touch haptics. Filigree surface structures can be precisely molded. High-gloss areas can be directly adjacent to matte structures. In addition, there is no need to invest in separate painting systems. Compared with spray painting, there is no paint loss due to overspray, and there is less scrap due to painting errors.

Scratches that disappear by themselves

Covestro has built up special PC and PC blend compounds under the Makrolon®, Bayblend® and Makroblend® brands for the DC process, as well as an extensive modular range of coating raw materials without solvent additives – such as special Desmodur® isocyanate crosslinkers and Desmophen® polyols – for PU coatings.

For the DC process, Rühl offers, among others, the light- and color-stable 2K PU coating systems puroclear®. Their RIM cycle times are usually at least equal to those of injection molding. The systems contain an "internal release function" that has been proven in series production many times. The mold therefore does not have to be sprayed with release agent. This contributes to short cycle times and a simple process.

In addition, self-healing variants have been added to the product range (reflow effect). Ingo Kleba: "Superficial scratches in the paint, which are quickly caused by vehicle keys or stone chips, for example, disappear by themselves over time. The components retain their appearance, value and function for longer, which means maximum suitability for everyday use."

Strong bond even after hydrolytic aging

Makrolon® and transparent puroclear® grades adhere firmly to each other in themselves. There was still room for improvement in terms of adhesion during aging. The development partners therefore optimized several material combinations and assessed their adhesive strengths in the POSI peel test (ISO 4624). "We can now offer material systems that meet OEM adhesion specifications even after prolonged aging in hot and humid environments," says Zöllner.

Flawless, air bubble-free surfaces

Precise simulation of the PU filling process and warpage are essential for optimal performance of a DC component. Covestro has developed suitable tools for this purpose. "With a new calculation method based on a two-phase CFD (computational fluid dynamics) simulation, it is now possible to precisely determine where air bubbles form during filling and whether they remain in the component or reach the mold vent. This was not possible with previous methods," explains Christoph Bontenackels, responsible for the calculation of DC components at Covestro. A new calculation tool is also available for simulating component distortion. It can be used to find the optimum layer thickness ratio for 3D structures with larger wall thickness jumps, at which warpage and cycle times are minimal.

Source : Covestro

Carbon Capture and Storage Gains Wide Industry Support in Houston

- Eleven companies support large-scale deployment of carbon capture and storage to help decarbonize industrial facilities; discussions ongoing with others
- Collective efforts could capture and store approximately 50 million metric tons of CO2 per year by 2030; 100 million by 2040
- Companies bring collective expertise as industry leaders with diverse capabilities

HOUSTON, Texas – Eleven companies have expressed interest in supporting the large-scale deployment of carbon capture and storage (CCS) technology in Houston. Calpine, Chevron, Dow, ExxonMobil, INEOS, Linde, LyondellBasell, Marathon Petroleum, NRG Energy, Phillips 66 and Valero have agreed to begin discussing plans that could lead to capturing and safely storing up to 50 million metric tons of CO2 per year by 2030 and about 100 million metric tons by 2040.

The companies plan to help address industrial CO2 emissions in one of the largest concentrated sources in the United States. Collectively, the 11 companies are considering using CCS technology at facilities that generate electricity and manufacture products that society uses every day, such as plastics, motor fuels and packaging.

If CCS technology is fully implemented at the Houston-area facilities these 11 companies operate, nearly 75 million metric tons of CO2 could be captured and stored per year by 2040. There are ongoing discussions with other companies that have industrial operations in the area to add even more CO2 capture capacity. They could announce their support at a later date and add further momentum toward the city of Houston's ambitions to be carbon neutral by 2050. "Houston can achieve our net zero goals by working together, and it's exciting to see so many companies have already come together to talk about making Houston the world leader in carbon capture and storage," said Sylvester Turner, Mayor of Houston. "We're reimagining what it means to be the energy capital of the world, and applying proven technology to reduce emissions is one of the best ways to get started."

Wide-scale deployment of CCS in the Houston area will require the collective support of industry, communities and government. If appropriate policies and regulations are put in place, CCS could generate tens of thousands of new jobs,

protect current jobs and reduce emissions at a lower cost to society than many other widely available technologies. The 11 companies will continue to advocate for policies that enable the long-term commercial viability of new, expanded and existing CCS investments in Texas.

CCS is the process of capturing CO2 from industrial activity that would otherwise be released into the atmosphere and injecting it into deep underground geologic formations for safe, secure and permanent storage. With supportive regulations, CO2 from the Houston industrial area could be safely stored in the U.S. Gulf Coast region in formations thousands of feet below the surface or seabed. The U.S. Department of Energy estimates that storage capacity along the U.S. Gulf Coast is enough to hold 500 billion metric tons of CO2 — more than 130 years of the country's total industrial and power generation emissions, based on 2018 data.

Although renewables will continue to play an important role in a lower-carbon energy future, CCS is one of the few proven technologies that could enable some industry sectors to decarbonize, such as manufacturing and heavy industry. The International Energy Agency projects CCS could mitigate up to 15 percent of global emissions by 2040, and the U.N. Intergovernmental Panel on Climate Change (IPCC) estimates global decarbonization efforts could be twice as costly without CCS.

Source : Ineos

Life Cycle Assessment demonstrates BASF's Synthetic Leather Solution Haptex® has significant environmental benefits

- **Life Cycle Assessment conducted by leading quality assurance provider Intertek**

Shanghai, China – September 21, 2021 – A comprehensive Life Cycle Assessment (LCA) of BASF's innovative synthetic leather solution Haptex ®demonstrates the significant environmental benefits compared to other conventional synthetic leather solutions. The LCA was conducted by Intertek - a leading Total Quality Assurance provider to industries worldwide.

"By commissioning an LCA at such an early stage, we are enabling life cycle considerations to be factored in the manufacturing process. This supports OEMs and their customers such as footwear, automotive, and furniture brands in determining the right material – such as Haptex, which demonstrated significant environmental benefits - for their next innovation," said Yunlong Ma, General Manager, Green Initiatives, Intertek.

The LCA study is based on a total value chain analysis of Haptex from its chemical production to the finished leather goods. The performance on greenhouse effect, cumulative energy demand, and water consumption figures were also calculated and measured.

The LCA study shows that Haptex outperformed synthetic leathers from solvent-based and water-borne-based synthetic leather processes, in terms of carbon emissions. For instance, Haptex was proven to produce 52% less greenhouse gas emissions than conventional synthetic leather, with more than a 20% reduction in energy consumption when using 1KG of chemicals for synthetic leather production. This is predominantly due to eliminating the wet line from the production processes, which reduces 30% of water usage compared to usual solvent-based polyurethane production methods.

The results proved that Haptex is a

more sustainable alternative for products made with synthetic leather, such as automotive seatings, furniture, and footwear and fashion accessories like bags and caps. Haptex, an innovative polyurethane solution for synthetic leather production, possesses high peel strength, anti-yellowing, and high abrasion performance properties. Haptex also does not use any organotin catalysts or plasticizer.

In collaboration with Warren Synthetic Leather (Suzhou) Co., Ltd and Suzhou Greentech Co., Ltd, the product has been further optimized to increase its performance, yet meets stringent VOC standards.

"The report comes at a time when pressure mounts on brands and OEMs to make stronger efforts towards sustainability by choosing alternative and animal-free leather for their products. Therefore, we must provide concrete information on environmental emissions and how we are reducing the CO2 footprint to our customers. With this study, Haptex has proven that it is more sustainable compared to other conventional synthetic leather solutions, and at the same time can fulfill the different conventional requirements from OEMs and brands to produce products that are durable, stylish and eco-conscious," said Minli Zhao, Vice President, Consumer Industry, Performance Materials Asia Pacific, BASF.

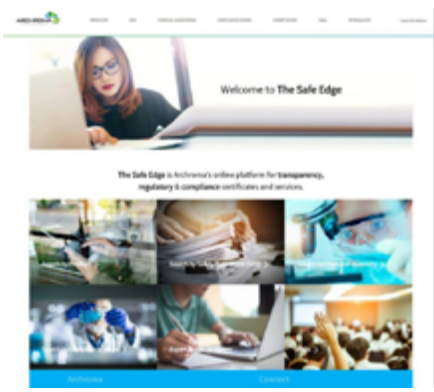
Source: BASF

Archroma Introduces the Safe Edge Online Regulatory and Compliance Platform

- Instant access to ecotoxicological and regulatory information and certificates for Archroma specialty chemical products

- Faster decision-making and time-to-market for manufacturers, brands and retailers in the textile, paper, packaging, paint, and construction industries

Reinach, Switzerland, 21 September 2021 - Archroma, a global leader in specialty chemicals towards sustainable solutions, today announced the launch of The Safe Edge, an online platform for instant access to product related regulatory & compliance certificates and information.



With continuously growing public awareness around the social, health and ecological impacts of human and business activities, the need for transparency and traceability in supply chains has become essential.

Time to market is equally critical, and manufacturers, brands and retailers need access to reliable information in real time. The Safe Edge platform has been designed with that in mind: It allows brands, retailers and manufacturers of textile, fashion, packaging, paper, paints, to verify with just a few clicks the regulatory & compliance status of Archroma products, including regulations, ecotoxicological information & certifications, and brand requirements.

The Safe Edge covers standards, regulations and information such as air emission factors, animal origin, halal, kosher, plant origin, food contact, Blue Angel, bluesign®, Cradle-to-Cradle, chemical inventories, Compostability EN 13432, conflict minerals, EU Flower/ Ecolabel, GOTS, CONEG, ISEGA, Nordic Swan, Oekotex® Standard 100, California Prop 65, REACH, RoHS (Restriction of Hazardous Substance), Screened Chemistry, SDS, SVHC (Substance of Very High Concern), VOC (US), ZDHC (Zero Discharge Hazardous Chemicals), and brand standards (like Coats A&F MRSL, Decathlon RSL 2020, Jack Wolfskin RSL and The List IV by Inditex.

With the launch of The Safe Edge, Archroma continues to assert its leading role in driving sustainability in its industries, in line with its commitment to the principles of "The Archroma Way to a Sustainable World: safe, efficient, enhanced, it's our nature". The "Safe" principle in particular is at the core of the Archroma approach to sustainability, with the deeply rooted goal to protect people and the planet with products that are safe to use, and safe to wear.

The Safe Edge is already accessible for manufacturers, brands and retailers in Europe and Asia, and will be launched in North America in September 2021, and in Latin America by the end of the year. "We wanted to offer a step change improvement in our service to all our customers and partners comments Carole Mislin, Global Head of Product Stewardship at Archroma, who is at the initiative of the project. "Time is of the essence, and The Safe Edge offers them instant online access to up-to-date regulatory and ecotoxicological information and certificates. Because it's our nature!"

Source : Chemical Market

Surfside Condo Collapse And The Science Of Concrete Video

WASHINGTON, Sept. 20, 2021 — Concrete buildings don't just collapse out of the blue. Even earthquakes aren't supposed to bring them down. So why did the Champlain Towers South building in Surfside, Florida — a modern structure built in 1981 — fail? https://youtu.be/4Nr3w1BQE18

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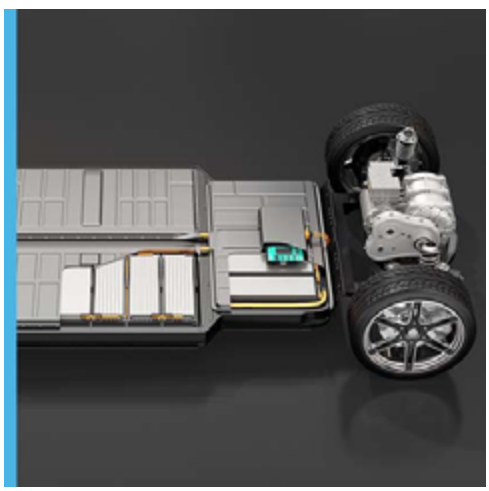
Source : Chemical Market

Development of Thermoplastic Composite with Flame Retardancy

Mitsubishi Chemical Corporation (MCC; Head office: Chiyoda-ku, Tokyo; President: Masayuki Waga) and Mitsubishi Chemical Advanced Materials Japan Ltd. (MCAM; Head office: Chuo-ku, Tokyo; President: Masafumi Kato) have announced the development of a thermoplastic composite material (FRTP) which offers flame retardancy, high production performance and recyclability.

Today, electric vehicles (EVs) are widely being developed with zero emissions to combat climate change. Two fundamental aspects of the EV battery systems are the requirement of higher fire resistance for passenger's safety and utilizing lightweight materials to further save energy. Conventional technologies have often applied thermoset plastic composites, which have flame retardancy and are lightweight. However, low recyclability and less production performance are often considered issues.



MCC and MCAM have together solved these issues in the development of FRTP by bring together our technology about battery systems and optimizing our unique fibers and thermoplastic resin compositions and achieving fire resistance that withstands more than 5 minutes of a flame over 1000⁰C in our experiment. MCC and MCAM have already commenced sample work for some customers, and aim to develop new applications such as battery enclosures.

MCC is focused on continually developing multiple new composite solutions for our customers to replace conventional materials, and will continue to actively develop our business by providing optimal solutions in a timely manner.

Source : Mitsubishi Chemical

Evonik Launches Ortegol® 700 Series of Compression Set Additives to Support Booming "Bed In A Box" Market

- New additives improve recovery speed and quality of compressed flexible polyurethane foams
- Latest product solutions enable flexible foam industry to take advantage of increased "Bed in a Box" demand
- Evonik continues to strengthen its portfolio of innovative PU flexible foam additives with new ORTEGOL® series

Essen, Germany. Evonik has introduced its ORTEGOL® 700 series of polyurethane additives to significantly improve the final quality of compressed flexible foams. The new additives enable compressed mattresses to unfold and recover to their original volume much faster. The ORTEGOL® 700 series are also designed to enhance the final performance of compressed foams, especially after long periods of storage and transportation.

"The market for compressed flexible foams has been steadily increasing over recent years. Since the COVID-19 pandemic "Bed in a Box" sales have really boomed as consumers have only been able to buy new mattresses online for delivery in boxes," said Ralph Marquardt, Head of Evonik's polyurethane additives business. "That's why improving the compression properties of polyurethane slabstock foams is more important than ever. To help the industry take advantage of the very high demand, our technical teams have been working hard to develop and quickly bring these game-changing new solutions to market."

Shipments of compressed foams to manufacturers of finished mattresses and foam rolls have also dramatically increased to meet the new demand. However, previously it could take a long time for compressed foams to recover after shipping before being ready for production. In many cases, the foams do not always fully recover, with deformed foams unsuitable for mattress production creating waste. Additionally, today's consumers expect products to be ready straight out of the box. Any foam deformities because of long-term storage in boxes, can often mean mattresses are returned, leading to much higher scrap rates, costly return shipping fees and consumers unlikely to re-purchase.

Evonik has developed and launched its ORTEGOL® 700, ORTEGOL® 701 and ORTEGOL® 702 additives to support the industry overcome these challenges. With significantly improved aging resistance, the new additives have all been optimized for odors and emissions, with each one passing the low VOC Chamber Test. Additionally, ORTEGOL® 701 is also suitable for automotive seating applications and passes the latest VDA 278 standard.

Recommended for use in combination with Evonik's DABCO® NE

range of emission optimized catalysts and TEGOSTAB® surfactants, all three new ORTEGOL® products reduce curing times before compressing, helping to lower costs and significantly improve the compression set during roll tests. In the case of ORTEGOL® 702, foams can be compressed much earlier after curing, usually achieving full recovery after around one day following a long period of compression.

Source : Evonik

Eairnov to Reveal 27mm Desiccant Stopper for Easy-Opening Packaging at Pharmapack 2021

- New desiccant stopper with spiral carries dual benefit for tube packaging - easy opening and protection from moisture
- It is part of Airnov's expanding range of products made from renewable materials, helping to reduce emissions and work towards sustainability targets
- The stopper will be unveiled at Pharmapack 2021 and available worldwide in a range of colors from Q4 2021

Price as on September 30, 2021

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(Activated)	50	50	
Calcium Carbonate (Precipitated)	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	
PolyethyleneGlycol(PEG 200)	230	93	
PolyethyleneGlycol(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	

- Meet us at Pharmapack, Booth F50

September 23, 2021 – Airnov Healthcare Packaging, a global leader in controlled atmosphere packaging will unveil a new 27mm desiccant stopper at Pharmapack 2021.

A key benefit is that the new stopper is perceived as very easy to open, a common problem cited by many patients who sometimes struggle to open cylindrical tubes of tablets and medication.

Furthermore, the stopper uses fewer raw materials and is therefore lightweight. The new used polymers are sourced from renewable-focused suppliers, helping to reduce the carbon footprints of those that use them.

This represents a key step for Airnov as it seeks to bring more sustainable solutions to the market.

Stéphane Rault, Global Product Manager, Airnov, commented: "This new stopper gives advantages to improve the easy opening of packaging by patients and shows how Airnov continues to engage more in the development of sustainable solutions, which is helping to reduce our impact on the planet.

"Most importantly, this product represents an answer to our customers' needs and has been developed based on feedback we have received from them."

The new lightweight, sustainable and practical features do not compromise the core function of the stopper, which is to protect the moisture sensitive nutraceutical, probiotic and pharmaceutical products (among others) inside tube-style packaging.

Source : Chemical Market

Aiding the Switch to Safer E-Mobility

Muttenz, September 22, 2021 – It seems the electric revolution is finally here. According to the International Energy Agency, there were more than ten million electric cars on the world's roads already at the end of 2020 – up 43% from 2019. By the end of this decade, the total number of electric cars, buses, vans, and trucks is projected to jump to 145 million or possibly even 230 million if enough countries tighten their emission targets. Carmakers are investing billions to secure their slice of the market. One of the challenges they face in building mass-market electric vehicles (EVs) is fire safety. But probably not in the way most people think.

Contrary to what action movies would have you believe, cars rarely burst into flames. If they ever do catch fire, passengers usually have more than enough time to walk away safely. That is why fire safety regulations for cars are a lot less strict than for planes, trains, or even most electronics used in homes. But now, with the advent of EVs, news reports of burning EVs have caused new concerns.

Are electric cars at risk?

According to the US National Fire Protection Association (NFPA), electrical failures are already one of the leading causes for fires in conventional cars, accounting for one in four vehicle fires in the United States. With EVs carrying high energy in their lithium batteries, it seems only logical that they pose an even greater fire risk. Not so, says Sebastian Hoerold, Head of Technical Service Thermoplastics & Market Manager Flame Retardants at Clariant: »The fire risk of electric vehicles is not higher but different from traditional cars with combustions engines.«

Not more but different risks

Electric power trains work at much higher voltages and currents. Most conventional cars carry a twelve-volt battery to run the starter, lights, and all onboard electronics. Even so-called mild hybrids, in which a powerful electric motor supports the combustion engine, run on just 48 volts. In contrast, some all-electric vehicles have fast-charging cycles that can involve 800 volts or more.

Then there are the differences in everyday use: Parking a diesel essentially puts the car to sleep. But parking an EV usually involves charging it. »We see some of the highest voltages and currents precisely as the car is unattended,« says Hoerold. »That can be overnight in your garage or during the day in a public parking area, say, underneath a busy shopping center or an office building. It is this combination of high-energy batteries, high voltages and currents during charging while being unattended that needs to be considered in safety standards.«

High voltages, tight spaces

»Up until recently, the automotive industry was not much of a market for our high-performing flame retardants. However, that is about to change dramatically,« says Elmar Schmitt, Segment Manager for Clariant's flame retardant business. »In reinventing their product, carmakers will need new materials with safety built in to deal with a whole new set of challenges and requirements.«

First, there are the high voltages. These can cause short-circuits and sparks that can ignite flammable materials. One of the ways to prevent such failures is by design: Simply placing conducting parts further apart is one strategy. Another is to encase components. But these approaches aren't always practical in car design. For one, cars are crammed with ever more electric hardware. Spaces are tight. Components need to fit close together. Adding material and assembly work to encase components drives up costs and adds weight. »Carmakers have always been sensitive on these two fronts,« says Schmitt. »Even small extra costs add up quickly, so does excess weight. Every gram you can shave off an EV adds to its battery range, which is currently one of the most important selling points.«

Resistant and lightweight

High-voltage plugs, connectors, bus bars and other electrical components require high-performing polymers with high-performance flame retardants – such as Clariant's Exolit®. It has been in use for two decades in some of the most demanding industries, from smart consumer electronics to home appliances to industrial applications. Based on organic phosphorus compounds, Clariant's additives can stop plastics burning within seconds and thus stop flames from spreading. It also helps minimize the risk of creepage and sparks. »Exolit is non-halogenated, which makes it safer and more environmentally compatible than most solutions out there,« says Schmitt. »But it is the improved material performance that makes it especially appealing to the EV industry.«

Adding Exolit to plastics does not affect or in some cases even improves their electrical properties – measured as the Comparative Tracking Index (CTI). »We enable manufacturers to reach Performance Level Category 0, which holds for 600 volts,« Hoerold explains. »That way, conducting parts can be fit closer together, allowing further miniaturization and weight cutting.« Plus, Exolit itself adds remarkably little weight to the parts.

Harsh conditions

Then there is the matter of durability. Standard cars are expected to last up to 200,000 miles. With fewer moving parts, EVs may get even more mileage. However, that heavily depends on how well connectors, plugs, cables, brackets, and the likes hold up to the constant stress caused by vibration, extreme temperatures, UV light, corrosive liquids, dust and moisture. High voltages and humidity can further exacerbate this stress through a process called hydrolysis. »Over time, it can break down materials within the polymer and lead to corrosion in the pins and connectors,« Hoerold explains. »Exolit is hydrolysis-stable and can be used in dedicated hydrolysis resistant formulations as well.«

Probably the most important draw to carmakers is how little the addition of Clariant's flame retardants affects a polymer's other properties. »The automotive industry has made an art of engineering cars to optimize costs, production speed, durability, and so on,« Schmitt says. »They want their polymers to perform the way they're used to.« However, most flame retardants make plastics more brittle, less workable, and even less durable overall. Some make specific production processes harder or even impossible. »With Exolit, we have carmakers covered,« says Hoerold. »For example, they are very satisfied with the way it works with both laser welding and laser marking. Plus, it affects the physical properties of the plastics as little as possible.«

Aiding the revolution

In EVs, the color orange is a safety feature. It indicates high voltage components and cables. Meeting and maintaining this specific standard color throughout the entire lifetime of a car is crucial. Some flame retardants can make it impossible to color parts accordingly. Exolit can be used for any color. Other flame retardants can also cause heat-related discoloration over time. »Our solution affects the color of the polymer less than any other product,« Hoerold says.

It is clear that high-performing flame retardants are crucial in EVs. »The industry standards and regulations on fire safety are not completely finalized yet,« says Schmitt. »But we know that products such as Exolit will have a role to play that goes beyond fire safety.« Combining high fire safety standards and high CTI with good mechanical properties and sustainable chemistry will help make electric vehicles more efficient and reliable. That in turn will instill greater confidence in EVs and thus help expedite the electric revolution around the world. It's one of many ways in which Clariant helps build a sustainable infrastructure and promote the kind of immediate climate action we need to reach the Sustainable Development Goals.

Source : Chemical Market

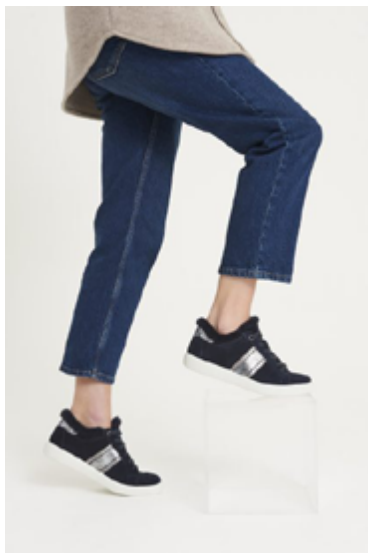
BASF Collaborates with Hotter to Provide Footwear that Generates Energy with Every Step Taken

- Initially developed for sports performance footwear, lightweight Infinergy adds athlete-endorsed energy return
- Greater flexibility with the sole of footwear made with world's leading high-performance responsive material by BASF, Infinergy®
- Infinergy complements Hotter's Cushion+ technology for classic styles and comfort for professionals on the go

London, United Kingdom – September 23, 2021 – Hotter and BASF have joined hands to provide greater energy return in the footwear brand's market-leading comfort shoes. Infinergy®, the world's first expanded thermoplastic polyurethane (E-TPU) and leading high-performance responsive material by BASF, provides exceptional cushioning. Professionals who are constantly on the go benefit from Infinergy in particular as it returns the energy in each step, reducing fatigue and dampening shock on joints.

Infinergy offers a natural cushioning effect at the heel and middle part of the foot in the sole of footwear. When combined with Hotter's Cushion+ technology, it adds athlete-endorsed energy return to over 41 styles. In Hotter's upcoming workwear collection, Infinergy's responsiveness and lightweight bring comfort to the next level.

The partnership makes Hotter one of the first casual shoe brands to use Infinergy, setting the standards for cushioning and comfort in shoes – particularly among its core audience of over 55s, as well as professionals battling long-standing hours at work and commute.



"We created Cushion+ to give our customers footwear they can confidently rely on regardless of their working activities and in which they can move comfortably over long durations," said Claire Pearl, Chief Product Officer, Hotter. "Adding Infinergy's unique rebound technology to these existing qualities means that together we have created a selection of footwear that works just as well whether you are frequently moving around at work or taking a stroll in the park after a long day. We are thrilled with this partnership, and we look forward to future collaborations."

Initially designed for the world of sport, the partnership extends Infinergy into casual and formal wear, marking a milestone in footwear technology. "Our collaboration with Hotter is a nod to business casual designs blended with innovative technology to deliver performance and style for professionals who are constantly on the go," said Dr. Jens P. Dierssen, Global Business Management at Infinergy.

Source : BASF

Sabic and Microsoft Collaborate to Create Microsoft's First Product Made with Recycled Ocean Plastic

As part of a new effort to advance the use of recycled ocean plastic, SABIC, a global leader in the chemical industry, and Microsoft Corporation have collaborated to create Microsoft's first consumer electronic product – The Microsoft Ocean Plastic Mouse – with an exterior shell containing 20% recycled ocean plastic.

Ocean plastic is defined as plastic that has been certified by a third party as re-

covered from any ocean or ocean-feeding waterways or where it washed ashore from these locations. Ocean plastic differs from ocean-bound plastic in that ocean-bound plastic is recovered from ocean-feeding waterways, shorelines, and inland areas within a 50-kilometer radius of the ocean. The two recycled products play complementary roles in helping address the issue of ocean plastic waste.

Microsoft began this project with an objective of creating a plastic resin made from at least 10% recycled ocean plastic as part of its commitment to achieve zero waste by 2030. After hearing the initial vision for the project, SABIC joined the effort to source the recycled material and to formulate a resin that satisfied Microsoft's demanding quality standards. The Microsoft design team collaborated with technologists at SABIC to provide feedback on prototypes made with the new resin. This effort resulted in several rounds of reformulation prior to arriving at a final version that exceeded Microsoft's initial 10% goal. The final product contains 20% recycled ocean plastic by weight in its external casing or "shell."

The SABIC-Microsoft collaboration envisions SABIC providing a new XENOY™ resin for Microsoft product use that is comprised of 20% ocean plastic, as part of SABIC'S TRUCIRCLE™ portfolio and services. This new XENOY™ resin with recycled ocean plastic can help reduce plastic waste in the ocean. For example, based on a resin grade comprised of 20% recycled content, for every 1kT of product containing recycled ocean-plastic XENOY™ PC/PET compound, an equivalent of 24 million single-use 0.5liter PET water bottles is removed from the ocean, ocean-feeding waterways, or ocean-adjacent shores.

This project has also provided a blueprint to demonstrate to the broader industry sector that recycling and reusing valuable plastic resins that have been recovered from the ocean, ocean -feeding waterways or where they have been washed ashore from these locations, is achievable when value chain partners use their knowledge and expertise and work together.

Remarking on these significant advances in plastics recycling, Abdullah Al-Otaibi, ETP & Market Solution General Manager at SABIC said, "SABIC faced a unique challenge in overcoming the degradation of ocean plastic to create this innovative solution - due to exposure to sunlight and water, the plastic loses many of its original properties. Our collaboration with Microsoft represents an exciting development in recycling and reusing ocean plastic to create high-quality consumer electronic products that meet Microsoft's high-performance expectations, while also playing a role in cleaning up the world's oceans."

Frank Kuijpers, General Manager Corporate Sustainability at SABIC added: "This addition to our TRUCIRCLE™ portfolio is another demonstration of SABIC's collaboration with the value chain to help create new value from used plastics. By creating more sustainable materials and forging new collaborations, we are setting an example for the industry in how we can transform difficult-to-recycle materials such as ocean plastic into innovative products that can meet the high-quality demands of our customers."

"As part of our commitment to the reduction of waste, we set out to prove the viability of recycled ocean plastic as a material for use in consumer electronics. The Microsoft Ocean Plastic Mouse, with an outer shell made with 20% recycled ocean plastic, is the first consumer electronics product made with this XENOY™ resin. We are proud of the collaboration with SABIC that created this new resin from a challenging material that would otherwise remain in the ocean as waste. We hope that this first step on recycled ocean plastic will spur further action in our industry and are excited for customers to be able to experience the product," said Donna Warton, VP Supply Chain and Sustainability at Microsoft.

The collaboration builds on SABIC's announcement in April of this year that it had become a frontrunner in the industry for the development of ocean-bound plastics. These ocean and ocean-bound materials form part of SABIC's TRUCIRCLE™ portfolio and services, which showcase the company's circular innovations and can help to provide our customers with access to more sustainable materials. In doing so, SABIC aims to help its customers give the end-consumer more confidence about buying products with the knowledge that the material has been recycled and produced in a way that can help protect our planet.

SABIC's TRUCIRCLE portfolio spans a range of products and services, including design for recyclability, mechanically recycled products, certified circular products from feedstock recycling of used plastic, certified renewables products from bio-based feedstock and closed-loop initiatives to recycle plastic back into high quality applications and help prevent valuable used plastics from becoming waste.

SOurce : Sabic

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

PRODUCT LIST

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70 years of ULTRASIL® precipitated silica from Evonik – Pioneering work that impacts the future

- **Invented in 1951, precipitated silica has become an indispensable additive in the tire and rubber industry**
- **ULTRASIL® VN 3 active filler has enabled the development of modern high-performance tires**
- **Evonik has expanded production capacity for ULTRASIL® in all regions of the world over a five-year period**

Essen.ULTRASIL® VN 3 active filler, invented by one of Evonik's predecessors, has enabled the continuous improvement of tires and mechanical rubber goods for 70 years. "This additive has been essential in the development of super-wet-grip winter tires to increase safety, as well as for "green tires" with lower rolling resistance to reduce fuel consumption and therefore CO2 emissions", says Claudine Mollenkopf, Senior Vice President Silica at Evonik.

On the occasion of ULTRASIL®'s 70th anniversary, Evonik is inviting customers and partners to a digital journey both back in time and into the future: The anniversary website demonstrates how – following the decisive breakthrough in the production of precipitated silica – a filler brand was created that has become irreplaceable in many rubber goods, has put modern sports shoes on track, and has set milestones in the development of high-performance tires. An outlook reveals how ULTRASIL® can continue to make an important contribution to sustainable mobility in the future.

Invention of "white carbon black"

Since the 1940s, research had been conducted on silica as a substitute for carbon black as an active filler for tires. The success story began in March 1951 in Wesseling (Germany), when chemist Dr. Hans Verbeek (1908 – 1996) and his laboratory assistant, Peter Nauroth, created precipitated silica for the first time. This was the invention of "white carbon black".

From 1953 on, the product was sold as ULTRASIL® VN 3, quickly becoming a substitute for filler carbon black and enabling the creation of colored rubber compounds. The granulated version, ULTRASIL® VN 3 GR, is still the most widely used silica in the tire and rubber industry worldwide.

Revolutionary impact on tire performance

In the 1970s, ULTRASIL® revolutionized tire production in tandem with silanes as a coupling agent. Silanes enable hydrophilic silica to be chemically coupled to the rubber polymer. Evonik's Silica/Silane system is the benchmark for passenger car tire tread performance, particularly when it comes to improving the wet traction behavior and reducing the rolling resistance. Using silica as a filler in place of carbon black can lower fuel consumption – and therefore also CO2 emissions – by up to eight percent.

Even today, Evonik is the only chemical company in the world that manufactures both silica and silanes, which are still the key ingredients for sustainable "green tires", and which has the required research expertise to continue developing these products so that they are ideally matched to each other.

Further sites opened and capacities increased

Over the last 70 years, the ULTRASIL® family has grown continuously. Under this brand name, Evonik offers a large portfolio of highly dispersible silica with high and low surface areas that are customized for a broad spectrum of applications.

ULTRASIL® is highly valued by the tire industry for use in the production of high-performance tires. It also serves as a reinforcing filler for industrial rubber goods that require enhanced performance, such as timing or conveyor belts and seals, as well as for everyday items such as shoe soles and bicycle tires.

ULTRASIL® is currently produced in 10 sites on three continents – providing a global production platform combined with regional customer proximity. Wesseling, where Dr. Hans Verbeek and Peter Nauroth invented ULTRASIL® VN 3 70 years ago, is now one of the

world's largest production sites for precipitated silica. Over the past five years, Evonik has increased the production capacity for ULTRASIL® in all regions of the world.

During this period, the silica specialists have developed further innovative ULTRASIL® grades which are tailored to the technological progress and future challenges in the tire and rubber industries.

The latest product development is ULTRASIL® 4000 GR, the first low surface area silica (LSA silica) with high dispersibility. The unique product design enables very high filling levels, which allow the production of winter tires that have even better traction in wet, muddy and snowy conditions, for example.

For the challenges of the future

"The silica filler loading will continue to increase. In May 2021, a new EU tire label was launched which has had the effect of increasing competition amongst

tire manufacturers, as every one of them is striving to attain the best ratings. And countries outside the EU will also follow soon," predicts Bernhard Schäfer, senior Vice President for Rubber Silica at Evonik.

Tires with a low rolling resistance will become even more important in the future of sustainable mobility, as they can help extend the range of electric cars. "A combination of ULTRASIL® active filler and the Si 363™ silane can reduce the rolling resistance by up to 35 percent and significantly improve wet grip, all while retaining the same good wear values", says Roland Krafczyk, Vice President Global Applied Technology Tire & Rubber at Evonik.

Sustainability plays an important role in Evonik's future developments. One target is to improve the abrasion resistance of tires, which helps extend their life and saves valuable resources. In addition to this, alternative and sustainable raw materials, combined with green energy sources are under evaluation at Evonik with the intent of further reducing the carbon footprint of our products.

The potential of ULTRASIL® is therefore far from being exhausted. Evonik's silica business line is already researching further innovative silica/silane products for the next milestones in tire development – all in the spirit of our claim "We will keep our customers running with our products. Whatever it takes."

Source : Evonik

Archroma Celebrates 8 Years of Creating Positive Impact

Reinach, Switzerland, 1 October 2021 - Archroma, a global leader in specialty chemicals towards sustainable solutions, today celebrates 8 years of leading the way to a sustainable world, with break-through innovations and solutions aimed at creating added value sustainable for its partners, consumers and the planet.

Archroma came to life on 1st October 2013 from textile, paper and emulsions businesses acquired from Clariant by SK Capital Partners.

Building on decades of commitment to developing safer eco-friendlier chemistry, Archroma has become in the past 8 years a prominent name for more sustainable colors and performance, collaborating with leading brands such as Primark, G-Star, Patagonia, Esprit and many more.

More recently the Ellen McArthur Foundation selected Archroma's plant-waste based EarthColors® for its online Biodiversity and Circular Economy case study library.

"Such impact cannot be created overnight", comments Heike van de Kerkhof, CEO. She explains: "Just a few years ago sustainability was considered by most industries as a 'compliance' topic. We at Archroma have always had a vision that sustainability is the right thing to do, and that it doesn't have to come at the expense of cost efficiency or performance."

Years after the Greenpeace 'Detox' campaign in 2011, and more recent events such as the climate school strikes of Greta Thunberg, the fast-growing plant-based movement and the pandemic, the general public has finally recognized the reality of the climate crisis and is demanding more responsible policies and supply chains, and safer products.

In this context, Archroma has become the go-to partner for many brands in fashion, outerwear, packaging or home decoration, looking to integrate sustainable innovations and solutions in their products.

In its very short life span, Archroma has introduced game-changing innovations, such as the EarthColors® made from non-edible plant waste from the food and herbal industry, Denisol® Pure, an indigo for aniline-free* denim, aniline being a category 2 carcinogen substance, and Smartrepel®, a PFC-free* water repellent solution. The company is also about to launch a new plant-based softener.

In parallel, Archroma has been helping its customers in addressing the growing expectations of the public in terms of keeping consumers, and the environment, safe, under the umbrella of "The Archroma Way to a Sustainable World: Safe, efficient, enhanced, it's our nature".

The company started to develop holistic solutions designed to bring innovation and performance, whilst reducing the impacts on water, energy and other natural resources. The savings generated by these 70+ system solutions are demonstrated by Archroma's proprietary ONE WAY Impact Calculator, a ground-breaking tool launched in 2012 and continuously upgraded to simulate and optimize

EVENTS AND CONFERENCES

CPHI KOREA

Date: October 11-13, 2021
City: COEX, Seoul
Country: Korea
Website: https://www.cphi.com/korea/en/about.html

Description: Each year CPhI unites more than 100,000 pharmaceutical professionals through exhibitions, conferences and online communities to network, identify business opportunities and expand the global market. Hosting events in Europe, China, Korea, India, Japan, South East Asia, Middle East and North America, CPhI co-locates with ICSE for contract services, P-MEC for machinery, equipment and technology, InnoPack for pharmaceutical packaging, Bioproduction for biopharma and FDF for every aspect of the finished dosage supply chain.

CPHI WORLDWIDE GERMANY

Date: November 9-11, 2021
City: Fiera Milano, Milan
Country: Italy
Website: https://www.cphi.com/europe/en/about/news-and-updates/new-november-dates.html

Description: Each year CPhI unites more than 100,000 pharmaceutical professionals through exhibitions, conferences and online communities to network, identify business opportunities and expand the global market. Hosting events in Europe, China, Korea, India, Japan, South East Asia, Middle East and North America, CPhI co-locates with ICSE for contract services, P-MEC for machinery, equipment and technology, InnoPack for pharmaceutical packaging, BioLIVE for biopharma and FDF for every aspect of the finished dosage supply chain.

43RD DYE+CHEM BRAZIL 2021 INTERNATIONAL EXPO

Date: October 9-11, 2021
City: Centro De Eventos PRO MAGNO
Country: Brazil
Website: https://br.cems-dyechem.com/

Description: CEMS-Global USA, based in New York, is a professional Multinational Exhibition & Convention Organizer, having its operations across 4 continents. Established in 1992, CEMS-Global, in this span of 28 years has been committed to organizing Professional B2B Trade Shows for important Business sectors of the trade and economy.

In this span of almost 3 decades, CEMS-Global has partnered with several Business Associations, Chamber of Commerce's, Export Promotion Councils, International Trade Promotion organizations, Governments. Our successful 40 Trade shows per annum in highly potential and developing countries of the world across 4 continents have benefited hundreds of thousands of Manufacturers, Several Industry sectors and boosted International Trade & Development in many countries.

EVENTS AND CONFERENCES

CHINA COAT CHINA

Date: November 16-18, 2021
City: Shanghai, China
Country: Shanghai
Website: https://www.chinacoat.net/?route=homepage&lang=2

Description: Asia, particularly China, is anticipated to rebound in 2021 and continues to be the world's fastest growing coatings market. CHINACOAT has been offering a platform for the industry to leverage market potential and pursue business growth since 1996. Our 2020 Guangzhou edition managed to attract over 22,200 trade visitors from 20 countries/regions, together with over 710 exhibitors from 21 countries/regions. On the surface, both visitor and exhibitor data were far lower than previous editions. But under the effects of global pandemic, the results should be considered acceptable. CHINACOAT2021 will be staged at Shanghai again, allowing global exhibitors to seize the opportunity of market rebound! This year, we continue to offer an Online Show to help match business between exhibitors and visitors. Virtual exhibitors who apply for Premium Virtual Booth Package can also have a physical booth at Shanghai exhibition venue to reach visitors at site. Our Online Show will be held alongside the 3-day exhibition in Shanghai, and will stay online before and after the physical exhibition for a total of 30 days. Now, you can view our Demo Video for more exhibiting details. We look forward for your participation!

CPHI INDIA

Date: November 24-26, 2021
City: India Expo Center, Greater Noida, Delhi NCR
Country: India
Website: https://www.cphi.com/india/en/home.html

Description: As the pharma industry looks increasingly towards India for high quality, low cost pharma solutions, CPhI & P-MEC India is the ideal event for companies wanting to pick up on the latest trends and innovations the market has to offer. At CPhI & P-MEC India, you will meet the movers and shakers from India's pharma machinery, technology and ingredients industries, giving you a competitive advantage that will help grow your business.

DYE CHEM MOROCCO 2021 INTERNATIONAL EXPO

Date: November 24-27, 2021
City: Foire Internationale de Casablanca Expo Center
Country: Morocco
Website: https://ma.cems-dyechem.com/

Description: CEMS-Global USA's International `Dye+Chem series of Exhibition' has reached its accession in popularity around the world with the series exhibitions being organized by CEMS-Global across 4 continents of the world. With the undeniable success of previous Morocco edition organized by CEMS-Global USA, CEMS-Global has made the decision to organize the Event in Morocco again for the second time from 24 ~ 27 November 2021 at Foire Internationale de Casablanca Expo Center, Casablanca – Morocco.

Event information may be out of date due to the coronavirus (COVID-19). Confirm details with event organisers. This page was last updated on June 9th 2020

the footprint of application processes.

For instance, Archroma recently launched CASUAL X SMART, a sulfur dyeing system for trendy wash-down effects to make clothes that look smart at home and at work. The colors won't fade in the washing cycle, and the application process allows resource savings of up to 33% water, 21% energy and 35% chemical usage compared to a benchmark reactive & pigment garment dyeing.

With ONE WAY, a brand can calculate how much impact their current production and the Archroma Way collection will have on water, energy, chemical, raw material or CO2 footprint.

Meanwhile, fashion, online shopping, food packaging, etc., are increasingly associated with air and water pollution.

Brands are eager to implement sustainable solutions and demonstrate their impacts, especially CO2 reduction, in particular in a post-pandemic world where we can expect consumers to have no tolerance for green washing.

Heike van de Kerkhof: "Brands in fashion, food, home decor, or sportwear make ambitious pledges, and they want to honor them. They are therefore eager to understand how they can introduce new, exciting innovations with safer ingredients and a lower impact on resources. That is where we can help, with our eco-advanced ingredients and demonstrated resource-saving solutions. We can help them make a difference."

For instance, Archroma estimate that the company helped**:

- Divert 1,250,000 kg of formaldehyde, a carcinogenic substance, from the textile supply chain with its systems BRIGHT DREAM and STAMP IT SAFE;
- Remove 25,000 kg of aniline, a substance toxic for aquatic life and for denim workers, from the environment, with its PURE INDIGO ICON system based on Denisol® Pure;
- Replace 450,000 kg of fossil fuel based products, with its NATURE BOUND, RAG N'ROLL and LOVE NATURE x EARTHCOLORS® systems that use plant-based renewable ingredients;
- Save 7,740,000,000 liters of water and reduce 420,000,000 Kg of CO2 with its DEEP DIVE 2.0, DARK BLISS 2.0, SMART START and SMOOTH AS IRON (FASHION) systems that allow massive resource savings in cotton items;
- Divert 21,000 tons of chemicals and 14,000 tons of acetic acid, a hazardous substance, from the packaging supply chain, with its BOXING CLEVER dyeing solution.

"We calculated all these savings with the ONE WAY Impact Calculator", Heike van de Kerkhof explains. "We are very proud of these very tangible positive impacts for the consumers and the planet, and we are looking forward to creating many more in the years to come. Because it's our nature." **

Source : Chemical Market

Lander Announces New Line of Sustainable and Eco-Friendly Phone Cases

New Phone 13 cases are now available and made with recycled plastics, compostable materials, and corn-based bioplastics.

KINGSPORT, Tenn., Sept. 14, 2021 — Lander, a modern technology company that bridges the gap between the outdoors and modernization, announced their new line of iPhone 13 cases featuring the Torrey Case and Glacier Case. The new cases were created with sustainability in mind by using a mix of bioplastics, compostable material, and recycled plastics continuing Lander's mission of giving their users peace of mind knowing they have a durable, eco-friendly phone case.

"The Torrey and Glacier cases have been a popular item in our wide selection of phone cases and continue with our tradition of making Lander products environmentally safe but durable for everyday use," said Kirk Feller, CEO of Lander. "We're proud to play our part in making a positive impact while continuing to provide quality device protection to our customers."

Lander's new 2021 lineup features Tritan™ Renew from Eastman with 50% certified recycled content.* Tritan Renew is made with innovative molecular re-

cycling technology that breaks down plastic waste into fundamental building blocks to be used again in manufacturing processes. By replacing traditional fossil feedstocks with recycled content, plastic waste is diverted from landfills and our oceans. The process also produces fewer greenhouse gas emissions than manufacturing with fossil feedstocks, bringing sustainability to the Torrey and Glacier case.

"Our partnership with Lander shows they are invested in keeping their products sustainable while continuing to provide high-quality products to the everyday adventurer," Courtland Jenkins, commercial director of specialty plastics at Eastman said. "We're proud to partner with a company who places such a large emphasis on sustainability while providing products that are both durable and stylish for consumers to enjoy."

The Torrey Case features a REPREVE lanyard made from recycled ocean plastics and can be dropped 10-feet without breaking. This case is engineered with a layer of Thermoline™, a material designed to regulate and insulate against harsh temperatures, and features smoother edges for a better, more comfortable feel.

The Glacier Case shares the same eco-friendly features as the Torrey, but the transparent case allows users to show off their brand new iPhone while adventuring, without sacrificing safety. The case features crush zones and rigid, durable construction to help create an added impact for protection, and is MagSafe Compatible.

The Torrey and Glacier cases will be available for iPhone 13 devices. For more information on Lander, its products, and its commitment to sustainability, visit Lander.com.

Source : Eastman

KPX Chemical and Huntsman form Joint Venture in Korea

Strategic alliance will provide Korean automakers with advanced polyurethane systems solutions

THE WOODLANDS, Texas, Sept. 28, 2021 /PRNewswire/ -- KPX Chemical, a leading polyols producer for polyurethanes in Korea, and Huntsman Corporation (NYSE: HUN), a world-leading MDI-based polyurethanes and specialty chemical manufacturer, today announced the establishment of a joint venture named KPX HUNTSMAN POLYURETHANES AUTOMOTIVE CO., LTD. (KHPUA). The joint venture will create and provide innovative polyurethane system solutions to Korean automakers from a specialty polyurethanes manufacturing facility at KPX Chemical's Ulsan plant. Operations are expected to commence by the end of October.

The Korean automotive industry is undergoing profound changes and presents new opportunities for high performance and light weight polyurethane system solutions. The new joint venture will accelerate growth in this sector by providing sustainable innovations and a high level of technical service support to its customers. KPX Chemical will leverage its 47-years' experience in polyol technology and know-how by combining it with Huntsman's proven ability to develop high performance, differentiated, MDI-based automotive solutions for vehicle manufacturers and its fully integrated global supply chain.

Tony Hankins, President of Huntsman's Polyurethanes division and CEO of Huntsman Asia Pacific, said: "We are delighted to join forces with KPX Chemical. Korea is one of Huntsman's key markets in Asia and driving continued business growth in the automotive industry is a priority for us. The new joint venture will create and provide customized polyurethane systems solutions to meet local automotive customers' needs for improved comfort, superior acoustics and light-weighting. By creating value for its customers, KHPUA will enable downstream polyurethanes businesses to develop in a more sustainable way, both economically and environmentally."

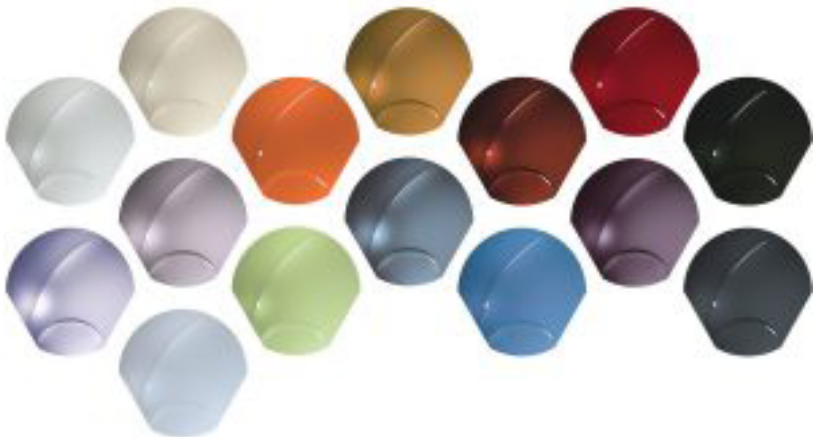
Kim Moon-young, President of KPX Chemical, said: "This cooperation is of great strategic significance to both parties. Together, under the banner of KHPUA, we will leverage the R&D and capacity advantages of KPX Chemical and Huntsman in the region to become the industry's preferred innovation partner. It is an exciting time to be creating a new venture and we look forward to working with key players in the region to meet growing demand for autonomous vehicles and electric transport solutions that can support the country's carbon neutrality ambitions."

Source : Huntsman

Endless variation – the theme of BASF's 2021-2022 Automotive Color Trends collection

- BASF unleashes an unlimited vocabulary of design
- Simultaneity instead of linearity – collection shows a new diversity of colors
- Consideration of the growing need for sustainability and functionality

Designers for BASF's Coatings division have delved into new color spaces for the 2021-2022 Automotive Color Trends collection. Borrowing a phenomenon from quantum mechanics, this year's collection is called SUPERPOSITION, which is a state where the limitation of binary systems is overcome.



In other words, things aren't just black or white, heads or tails, one or zero. The world has an uncountable number of variations, and this collection immerses itself in those variations. The colors benefit from an unlimited vocabulary of design, which can be playful and serious, comfortable and disturbing, or clear and chaotic all at the same time.

EMEA – Eye-opening and thought-provoking colors

Colors designed for Europe, Middle East, and Africa (EMEA) use familiar color positions, but change them with the help of new effects, subtle color gradients, or a specific sparkle behavior. Shades of gray change their colorfulness according to the angle of view. Shades of blue are light, reflective and structure the surface.

"These eye-opening and thought-provoking colors are a superposition of complex tones that challenge our perception," said Mark Gutjahr, head of Automotive Color Design, EMEA.

Asia Pacific – Recharge and think ahead

Asia Pacific saw societal change as its biggest trend for 2021. Many used the time they had to recharge, think ahead, and build energy for the future.

Out of a uniformity in thoughts, products and materials of the past came flexibility and freedom. Everybody and everything should be accepted – not only people, but also products and materials. Everything can be flexible.

"Asia Pacific's key colors are light, clean shades evoking the exciting look of spring and the forward-looking hope it brings," said Chiharu Matsuhara, head of Automotive Design for Asia Pacific. "They show a higher level of understanding of our diverse world."

North America – The concept of balance

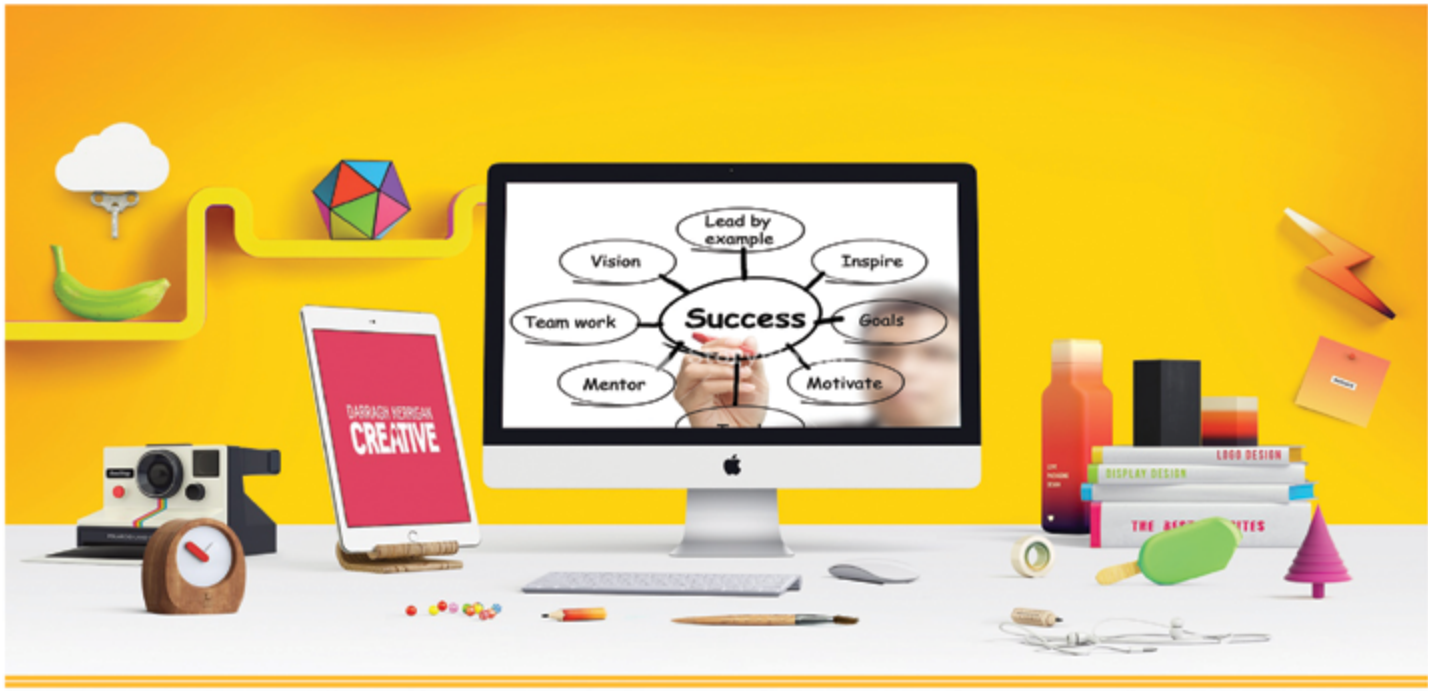
North America's future color designs looked to the concept of balance that strikes a chord with human steadfastness. The color spaces are anchored in optimism and resilience, and show the potential for humanity to move forward despite the challenges.

"We found the equilibrium between the natural and the synthetic world to create calming, unwavering, and thought-provoking colors. They draw the viewer into unique sensations that operate on multiple non-binary levels," said Paul Czornij, head of Automotive Design for the Americas.

Color Expertise of the Coatings division

Every year, the designers of BASF's Coatings division study future trends which they use as foundation for the development of surface, texture and color positions. They draw inspiration from industry, fashion, consumer products, nature, and more. This research is shared with BASF's customers, the automotive designers, to drive future mass production plans.

Source : BASF



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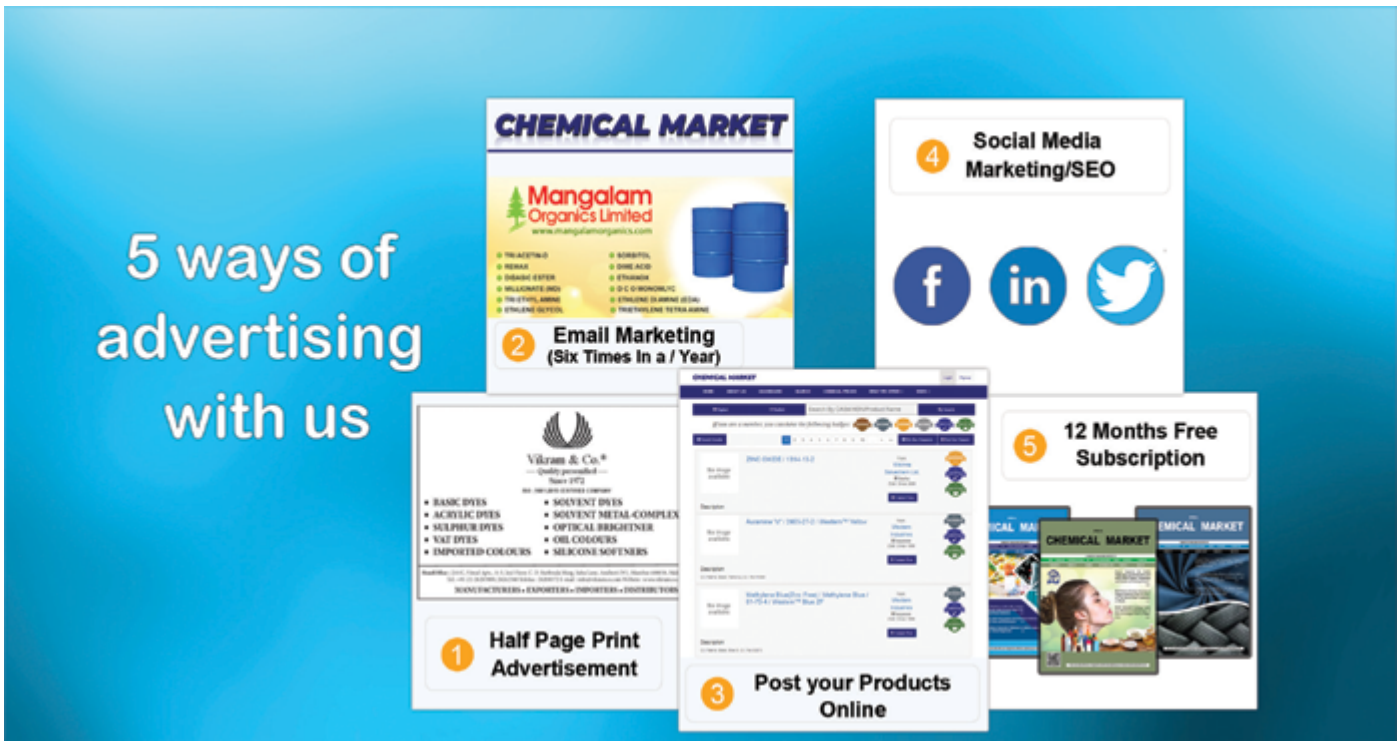

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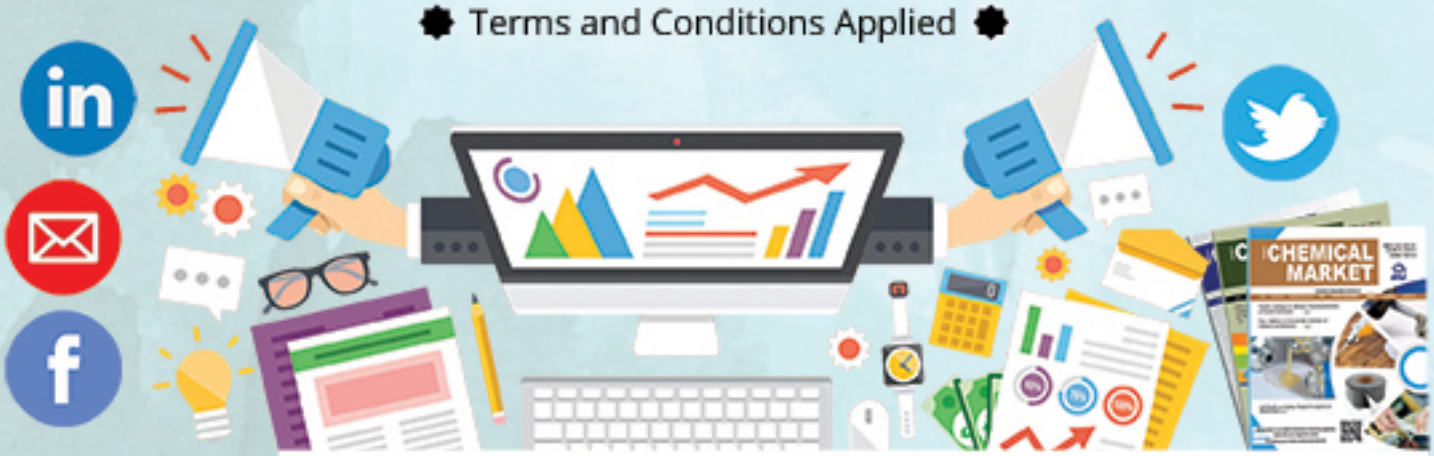

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