

CASE Newsletter

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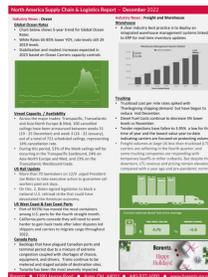
Greetings!

In this month's newsletter, we discuss market updates; **Clariant's** coatings; **Hexigone's** Intelli-ion corrosion inhibitors; **Evonik's** EP-M/E crosslinkers; **Elementis' Thixatrol 5020W**, rheology control agent for metallic pigments; and **Rohm's** Degalan LP 64/12, methacrylate bead polymer.

Also featured in this newsletter:

[Download Supply Chain and Logistics Report](#)

The report provides current market information as well as Peak Season commentary



[Download Monthly Commodities Report](#)

The report tracks select raw materials and currencies allowing you to gain a better understanding of some of the key cost drivers in our industry.



Market Updates

Adhesives and Sealants Markets

- There are many different types of adhesives and sealants in use today. Advancement in adhesive types has partially been driven by continued light weighting programs in automobiles and transportation as traditional fastening methods are being replaced with high-performing, lighter adhesives and sealant technology.
- While the adhesives market experienced a slight dip during 2019 due to the impact of Covid and the temporary stall of manufactured goods and transportation, a revised global outlook for adhesives and sealants has valued this market at nearly \$64B USD in 2021 and some expect this will grow at nearly a 6% CAGR the next several years.
- Part of what will drive this growth is the change in materials being used in manufacturing and construction and continued light weighting programs in transportation. Demand for hot melt type adhesives will grow in automotive as they have found their way into dashboards, due to improvements in vibration reduction and sound insulations.
- In addition to manufacturing, transportation, and construction, strong demand for packaging products used in the food and beverage industry; growth of discount retailers; and the increasing trend for grocery retailers will have positive long-term impacts packaging adhesives.
- Like coatings, bio-based technology, low and zero VOC demand, ease of application, and speed to service will drive technology development in the adhesives and sealant market.

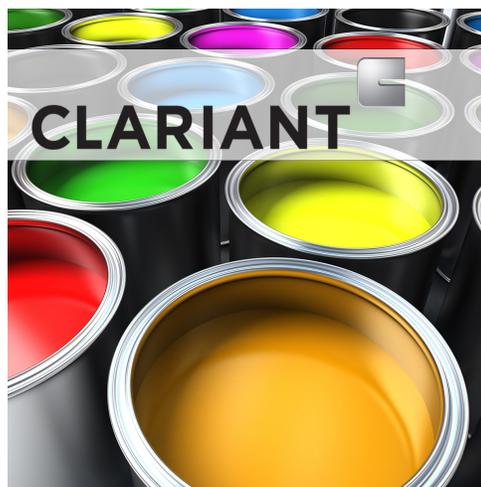
Clariant for Coatings

Clariant AG is a Swiss multinational specialty chemicals company, formed in 1995 as a spin-off from Sandoz. For over 25 years Clariant has been dedicated to the Coatings, Paints & Inks industry, and they continue their commitment to enhance the performance of your coatings and inspire vision in your innovation pipeline beyond color through a broad mix of surfactants, polyglycols, and PEGs. Their diverse team of experts work under the assumption that every problem has a solution, even the most challenging ones.

Applications for Clariant's products in coatings, paints, and ink include architectural, industrial wood, metal primers, decorative topcoats, and packaging.

Key Technologies are Dispersing Agents, Emulsifiers (RP), Wetting Agents, Humectants, Neutralizing Amines, and Sustainable Surfactants. Their well-known brands include Dispersogen, Genapol, Emulsogen and Vita.

Contact your Barentz Account Manager today to learn more about Clariant for Coatings and order a sample today at 440-937-1000, marketing@barentz.us, or visit our [website](#).



Intelli-ion – Corrosion Inhibitors, it's time to protect!

Hexigone's Intelli-ion® is an [award-winning, patented technology](#) that is designed to completely replace heavy metal and chromate inhibitors or co-blend with phosphate inhibitors. It provides the coatings market with cost-effect, high performance, sustainable anti-corrosive additives.

The smart technology fights corrosion when used in primers with full system barrier topcoats and is compatible with a broad spectrum of resin types, coating types and coatings manufacturing routes.



<https://digitaledition.pcimag.com/november-2022/feature-hexigone/>

Contact your Barentz Account Manager today to learn more about Hexigone and order a sample at 440-937-1000, marketing@barentz.us, or visit our [website](#).

VESTANAT EP-M/E crosslinkers - For Outstanding Scratch and Chemical Resistance

Evonik has developed a new crosslinking concept for high performance, scratch resistant coatings based on adducts of isocyanatosilanes. This class of silaneurethane hybrid crosslinkers exhibits an outstanding performance profile with regard to both mechanical and chemical properties. The temperature sensitivity of the substrate and the desired curing conditions determine the choice of

crosslinker.

- Outstanding scratch resistance
- Up to 100% active matter
- Fast curing cycles
- High chemical resistance
- Room temperature curing
- DIY possible

A toolbox for custom-designed solutions, the technology platform opens up a wide range of possibilities to formulate scratch resistant low temperature cure coatings for a plethora of substrates such as wood, plastic, and metals and many more. Imagine formulating a coating with scratch resistance and durability like a diamond.

Start today by calling Barentz at 440-937-1000 or contacting marketing@barentz.us or [click here to request a sample](#).



Thixatrol 5020W - Rheology Control Agent for Metallic Pigments

Elementis' THIXATROL 5020W, is a modified EVA emulsion designed for enhancing the effectiveness of metallic pigment orientation in coating films. It prevents the sedimentation of heavy pigments like metallic flakes and pearlescent pigments during paint preparation and storage. THIXATROL 5020W has been designed to provide the optimum viscoelasticity to the coating so that the ideal orientation of effect pigments is obtained. The following are some of the benefits of formulating with THIXATROL 5020W.

- Enhance metallic pigment orientation to paint finishes
- Improves flip flop / two tone effect
- Ease of incorporation
- Prevents settling and hard caking
- Improved sagging performance
- Pure water-based, without co-solvent



Typical applications are water-based industrial coatings in automotive, plastic, wood, and leather coatings. THIXATROL 5020W works well in water-based 1K PU, 2K PU, 2-coat systems paints & air drying coatings. Formulate for success with Elementis and order a sample today! Contact your Barentz Account Manager today by calling 440-937-1000 or by visiting our [website](#).

DEGALAN LP 64/12 – The Original Methacrylate Bead Polymer

Degalan LP 64/12 is a versatile, work horse binder for the manufacture of weather-resistant, light fast and chemical-resistant metal coatings, marine and container coatings, primers, impregnations, exterior house paints, and concrete coatings.

- Easy to use and formulate
- Broad compatibility
- Excellent adhesion on multiple substrates
- Stability toward hydrolysis
- Outstanding weather resistance

Röhm is a leading supplier of methacrylate chemicals worldwide, produces their world-renowned Degalan LP 64/12 resin at their production facilities in Wesseling, Germany & Shanghai, China, and supplies to customers worldwide.



2023 Tradeshow Calendar

European Coatings Show, March 28-30, 2023

The Barentz team will be attending the European Coatings Show, In-Person! If you would like to make an appointment with a representative from Barentz, [please click here](#).

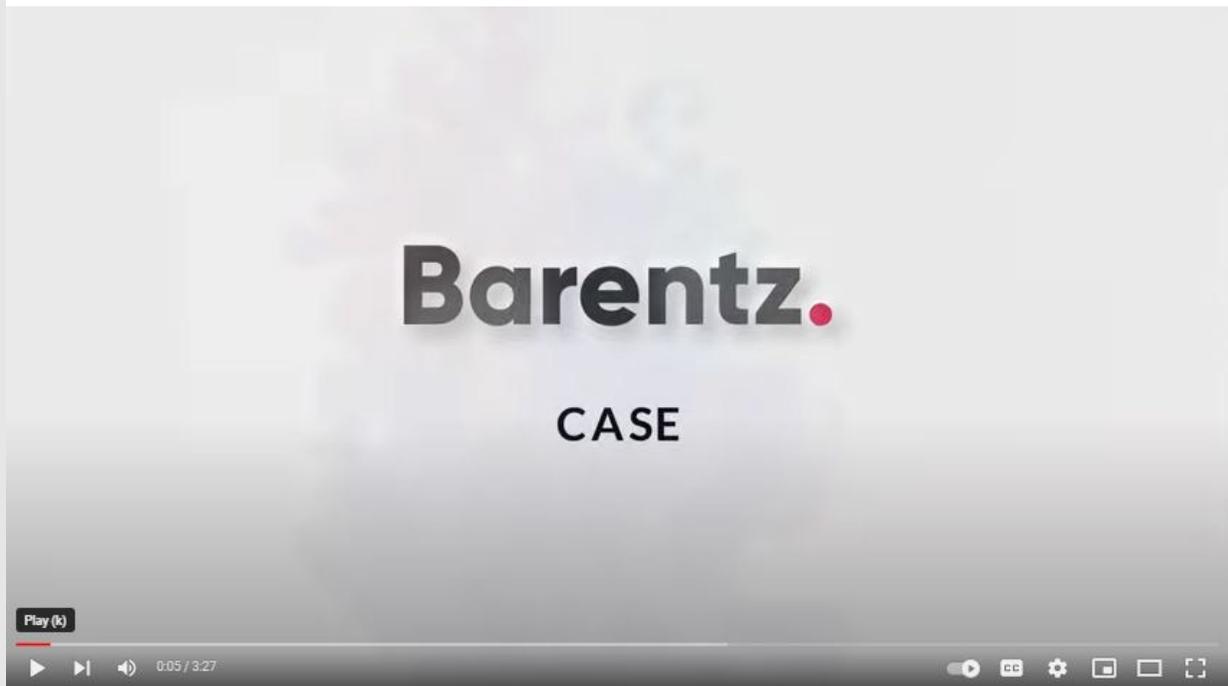
- **European Coatings Show** - March 28-30, 2023 - Nuremberg, Germany
- **ASC Expo** - April 18, 2023 - New Orleans, LA
- **Eastern Coatings Show** - May 16-18, 2023 - Atlantic City, NJ
- **Sink or Swim** - June 6-7, 2023 - Cleveland, OH
- **CTT** - September 6-8, 2023 - Chicago, IL
- **CPI** - September 25-27, 2023 - San Antonio, TX
- **Western Coatings Show** - October 15-18, 2023 - Las Vegas, NV

Meet Barentz

Watch this video to learn why Barentz is a world-class leader in the CASE industry.

Bring your challenges to us and see if we can truly find a better solution for you.

<https://www.youtube.com/watch?v=cr6ekasmbjg>



Follow Barentz CASE & Plastics on LinkedIn!

[Follow us](#) on LinkedIn to learn more about our full portfolio of specialty chemicals for the coatings, adhesives, sealants, elastomers, and plastics markets.



CASE Resources

CASE Product Guide

Our product guide of specialty chemicals for the coating, adhesive, sealant, and elastomer markets



CASE - Midwest Region

Our product guide of specialty chemicals for the coating, adhesive, sealant, and elastomer markets

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Specialty Chemicals

North America Supply Chain & Logistics Report - August 2022

Industry News - Ocean

- Global rates reduced on average -10% since late 2021
- Rates for October 2022 10% lower
- However, 100% of global container capacity will be under charter by the end of 2022
- The cost of chartering 100% will be under charter by the end of 2022

Industry News - Freight and Warehouse

Freight:

- Freight rates for truck, rail, and air are all up
- Air freight rates are up 100% since late 2021
- Rail freight rates are up 50% since late 2021
- Truck freight rates are up 20% since late 2021

Warehouse:

- Warehouse vacancy rates are up 10% since late 2021
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West Coast / Asia/Pacific

- West Coast / Asia/Pacific rates are up 10% since late 2021
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Port and Airline

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Industry News - Peak Season

- Peak season is expected to start in late 2022
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Supply Chain and Logistics Report

We are pleased to share attached Barentz Supply Chain and Logistics Report. The report provides current market information as well as Peak Season commentary. We hope you'll find the report a benefit to pulse the supply chain /logistics market for overall awareness.

[Download our Supply Chain Report](#)

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Commodities Report

April 2021

Selling Prices of Select Raw Materials and Exchange Rates of Select Currencies (2017-2021)

Cost of (\$/tonne)

End of Month Price	\$63.20
MoM % Change	4.82%
YOY % Change	276.86%

The global market report April 2021

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Commodities Report

The monthly Commodities Report tracks select raw materials and currencies allowing you to gain a better understanding of some of the key cost drivers in our industry.

[Download our current Commodities Report](#)



Corporate Sustainability Report 2022

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Sustainability Report 2022

We're excited to announce we've released our Corporate Sustainability Report. ESG is a core part of who we are and what we do at Barentz. Our Sustainability Report highlights the activities we've completed globally during 2022 to improve our ESG performance.

[Download our Sustainability Report](#)

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At Barentz we have a passion to deliver better life science ingredients and specialty chemical solutions to our customers around the world. Driven by the powerful blend of knowledge, entrepreneurship and partnership we anticipate and act on future challenges and developments.

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