

## Evonik Cyro Develops Customized Specialty Acrylic - Blocks 98% UV Light New, Innovative Material For Marine Industry Reduces Energy Costs

PARSIPPANY, N.J., July 31, 2012 – Evonik Cyro and marine cover fabric manufacturer CY4EZ worked together to develop ACRYLITE® Heatstop Resist with UV filtering OP3, a customized specialty acrylic designed for boat windows blocking an estimated 98% of incoming ultraviolet (UV) light and limiting heat penetration.

ACRYLITE® Heatstop Resist with UV filtering OP3 protects boat occupants from the sun's harmful rays and shields materials inside the cabin that otherwise might deteriorate. Boats with windows made from ACRYLITE® Heatstop Resist with UV filtering OP3 also use about 20% less energy when cooling the interior because the specialty acrylic limits heat penetration.

"Most boat windows don't offer protection from UV light and many manufacturers don't take into consideration that energy is wasted by operating air conditioners while heat enters boat cabins," said Jeff Smith, vice president of operations at CY4EZ. "We turned to Evonik Cyro because we needed a new durable product that could meet these specific demands to offer skin protection and prevent heat penetration."

ACRYLITE<sup>®</sup> Heatstop Resist with UV filtering OP3 features the impact resistance and clarity of ACRYLITE<sup>®</sup> Resist acrylic sheets to provide durability and prevent yellowing. The unique 3-in-1 design combines the high-impact strength of ACRYLITE<sup>®</sup> Resist with the heat reflecting properties of ACRYLITE<sup>®</sup> Heatstop and the UV blocking properties of ACRYLITE<sup>®</sup> OP3 offering major benefits to the marine industry.

"Not only did we create an innovative product that's durable against weathering and protects people from 98% of the sun's harmful rays but the specialty acrylic helps to lower air conditioning costs," said Antoinette Spages, acrylic polymers marketing and communications manager. "This project demonstrates Evonik's strong desire to work with customers to meet their specific needs."

This next generation of enclosure acrylics, marketed as  $cool2sea^{M}$  and  $clear2seaUV^{M}$ , are available exclusively from CY4EZ.

For additional information about ACRYLITE® products, call +1 800 631-5384 or visit www.acrylite.net.

To learn more about 4U2SEA™ Fraternity of Fabricators visit www.4u2sea.com.

## Company information

Evonik, the creative industrial group from Germany, is one of the world leaders

in specialty chemicals. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Evonik benefits specifically from its innovative prowess and integrated technology platforms.

Evonik is active in over 100 countries around the world. In fiscal 2011 more than 33,000 employees generated sales of around  $\in$ 14.5 billion and an operating profit (adjusted EBITDA) of about  $\in$ 2.8 billion.

## Disclaimer

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