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High-Functionality Oligomer Exhibits Superior Chemical and Temperature Resistance

Torrington, Connecticut – March 18, 2013... Dymax Oligomers & Coatings has introduced [BOMAR™ XDT-1018](#), a thioacrylate dendritic oligomer which offers exceptional mechanical and physical properties in hard, protective coatings. This material is highly cross-linked and has an acrylated functionality of 18. It exhibits extreme acid and chemical resistance and is high-temperature resistant up to 350°C.

Designed for low shrinkage, XDT-1018 ensures complete and uniform coverage of substrates, and demonstrates exceptional adhesion properties to ABS, acrylic, aluminum, glass, polycarbonate, and stainless steel, to mention a few. Typically, dendritic oligomers are used at 35 to 70% by weight in formulations. They may also have some use as additives at lower levels.

For additional information, visit www.dymax-oc.com or contact Dymax O&C Application Engineering at O&Ctechnical@dymax.com or 860-626-7006. Dymax Corporation develops innovative oligomer, adhesive, coating, dispensing, and light-curing systems for applications in a wide range of markets. Major markets include aerospace, appliance, automotive, electronics, industrial, medical device, metal finishing, and UV-curable inks & coatings.

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