

Axel Introduces Internal Mold Release That Enhances Polyurethane Pultrusion Processing

*New MoldWiz[®] INT-1945MCH Internal Mold Release,
Avoids Any Impact on Crosslinking and Cure Kinetics*

Woodside, NY, USA – A new internal mold release from Axel Plastics Research Laboratories, enhances the pultrusion processing of polyurethane resin systems.

New MoldWiz INT-1945MCH is a proprietary formulation of neutralized complex organic esters and non-ionic surfactants that eliminates problems typically encountered with mold releases that use acidic lubricants.

According to Bill Burnham, Axel Technical Support, “Many conventional mold releases employ acidic lubricants that can interfere with polyurethane polymerization, particularly in MDI systems that use tin as a catalyst. INT-1945MCH was specially formulated to avoid any impact on crosslinking and cure kinetics.”

Another benefit of this neutralized internal mold release formulation is that it will not interact with the molecular sieves that are frequently incorporated in polyols as drying agents. These reactions can cause foaming in resin mixing tanks and baths.

INT-1945MCH is the most recent development for polyurethane resin systems and an outgrowth of Axel’s earlier success in formulating internal mold releases for such systems used in the pultrusion process. It is just one of the many specially formulated mold releases and process aid additives offered by Axel.

The 63-year-old, ISO 9000 registered company manufactures over 600 process, or resin specific process aid additives and external release agents under the trade names MoldWiz[®] and XTEND[™].

All of Axel's products are formulated from raw materials that comply with the chemical substance inventory lists of TOSCA, DSL, MITI, EINECS, Australia and Korea. Customers are served both through direct sales and by a network of 32 stocking distributors located in 25 countries around the globe. Axel encourages requests for evaluation samples by visiting the company’s web site at: <http://www.axelplastics.com>.

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New Internal Mold Release INT-1945MCH {cont'd}

For further information, technical data sheets or for the name of a representative in your area, please contact **Nancy Teufel at Axel, Box 77 0855, Woodside, NY 11377 (USA), toll free 800-332-Axel (2935) or 718-672-8300, email: info@axelplast.com.**



Caption:

The new internal mold release MoldWiz INT-1945MCH for polyurethane resin systems used in the pultrusion process was specially formulated to avoid any impact on crosslinking and cure kinetics; it will not interact with the molecular sieves that are frequently incorporated in polyols as drying agents or cause foaming in resin mixing tanks and baths. Available from Axel Plastics Research Laboratories, Inc. USA

