



Axel Plastics Research Laboratories, Inc
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FOR IMMEDIATE RELEASE

Date: 1/21/13
Contact: Nancy Teufel
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Subject: **New Internal Mold Release Additives for DICY Cured Epoxy Resin**

New Internal Mold Release Additives for DICY Cured Epoxy Resin

Woodside, NY USA – Axel Plastics Research Laboratories announces two new internal mold release additives for DICY (dicyanamide) cured epoxy resin: MoldWiz®INT-1322 and INT-1329. By nature, DICY cured epoxies are among the most tenacious in their bonding properties, prompting many in the industry to search for more effective ways to release DICY epoxy, resins, compounds, prepregs and laminates. According to AXEL's Product Manager, "In the past, many internal mold release formulations proved ineffective, often killing the cure of the DICY resin and leaving the polymer under-cured and tacky" AXEL's new proprietary formulations MoldWiz® INT-1322 has been proven to have no impact on the cure kinetics of imidazole or amine accelerated DICY. For non-accelerated DICY cured epoxy resin, AXEL offers INT-1329, which is formulated for the higher process temperatures associated with these DICY systems. Initial evaluations of these two new internal mold release additives indicates that they have a good pot life in resin mixes and provide good release from molds and substrates, making these new internal mold releases equally suitable for use in epoxy resin, epoxy compounds and prepregs."

MoldWiz INT-1322 and INT-1329 are, proprietary synergistic blends, comprised of organic fatty amine and acid derivatives with surface active agents. The products are

100% active and generally effective at addition levels of 0.5-4 % based on resin system weight and dependent on process, fillers etc.

MoldWiz INT-1322 and INT-1329 just two of the hundreds of products produced by AXEL, a 71 year old, ISO 9001 registered manufacturer of proprietary mold releases and process aid additives. All of AXEL's products are REACH compliant and formulated from raw materials that comply with major worldwide chemical regulatory lists. Customers are served both through direct sales and by a network of 55 stocking distributors located in 46 countries around the globe. AXEL encourages requests for evaluation samples by visiting the company's web site at: www.axelplastics.com or e-mailing info@axelplastics.com.

For further information, samples, technical data sheets or for the name of a representative in your area, please contact Nancy Teufel at Axel, Box 77 0855, Woodside, New York 11377 (USA) | toll free 800-332-AXEL (2935) | 718-672-8300 extension 16, email: nteufel@axelplastics.com

MoldWiz® is a registered trademark of Axel Plastics Research Laboratories Inc.



Caption:
MoldWiz® INT-1322 and INT-1329 are epoxy resin additives (manufactured by AXEL) that can improve release of molded DICY cured epoxy composite parts manufacture, including aerospace and other industries.

FOR ADDITIONAL PRESS INFORMATION, PLEASE CONTACT:

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