

## **FOR IMMEDIATE RELEASE**

### **XTEND 19SAM – A New Semi-Permanent for Solid Surface Production**

XTEND 19SAM, a new semi-permanent mold release from AXEL, was developed specifically for cast polymer and solid surface production. The reactive resin solution crosslinks and cures on the mold surface, offering a durable release coating which withstands the abrasion of highly filled resins, and the rigors of solid surface processing. According to Nancy Teufel, Technical Support Manager for AXEL, "XTEND 19SAM was also specially formulated to afford the high chemical resistance and enhanced slip that non-gel-coated applications require." XTEND 19SAM is a low viscosity liquid that is easily applied by spraying (using HVLP equipment) or by wiping on molds. The semi-permanent release cures quickly at ambient temperature and requires no polishing to achieve good cosmetic surfaces. The release is suitable for all types of molds (including, FRP, glass, epoxy, steel, aluminum and plating surfaces) and requires no sealer.

"Our customers are raving about the results that they are seeing with this new release", says Teufel, citing successes in both polyester and acrylate resin systems. "As a matter of fact," she says, this release has even succeeded in polymer concrete applications where nothing else has worked. We have one customer who molds underground storage boxes with almost no draft. In the past, de-molding parts was extremely difficult even with re-application of mold release after each part. Since converting to XTEND 19SAM, this customer routinely molds 15-20 parts after application of only two coats of release, and in some cases has been able to achieve 30-40 de-moldings."

All AXEL products are formulated from raw materials which comply with the chemical substances and inventory lists of EINECS, TSCA, DSL, MITI, Australia and Korea. AXEL manufactures hundreds of process-specific internal and external release agents for thermoplastic and thermoset resins and a variety of elastomers. The company has a global network of technical representatives and distributors and a website at <http://www.axelplastics.com> where evaluation samples can be requested.

For further case histories, technical information, data sheets, or the name of a representative in your area, please contact Nancy Teufel at AXEL Plastics Research Laboratories, Inc., Box 77 0855, Woodside, New York 11377 (USA), Toll Free (USA & Canada) 800-332-2935 or 718-672-8300, E-mail: [info@axelplast.com](mailto:info@axelplast.com).