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TECHNICAL DATA SHEET

SOLARITE 1894-EX MOLD RELEASE AGENT FOR POLYESTER, POLYURETHANE, AND RELATED PLASTICS

DESCRIPTION: The **1894-EX** type parting agents are silicone free products designed for release of laminates and castings of polyesters, polyurethanes, and similar resins. These release agents consist of a heat and monomer resistant wax base which is solvent (mineral spirits) reduced for application convenience.

APPLICATION: The **1894-EX** is available in two forms. The **1894-EX-S** is a higher solids content (firm paste), while the **1894-EX-L** is a lower solids content (semi-paste). **(Please note the 1894-EX-L has been discontinued.)**

The normal method of application is cold wiping on mold surfaces. Both grades can, with proper precautions, be warmed to a liquid state and spray applied.

For effective release from porous mold surfaces, such as plaster and wood, these surfaces must be thoroughly sealed prior to coating with the **1894-EX**. Although buffing the dried **1894-EX** release coating is not necessary for release purposes, such treatment tends to enhance the surface gloss of the molded plastic.

The coating of **1894-EX** release agent should be permitted to dry to a faint haze before molding.

If molded surfaces must be freed of residual traces of **1894-EX**, thorough washing with hydrocarbon solvent or a combination of solvent, detergent, and water are suggested.

CLEANING PROCEDURE FOR SURFACE REMOVAL OF 1894-EX PARTING AGENTS:

- 1) Solvent wash with odorless mineral spirits of xylol at room temperature as follows:
 - A) Manual scrub
 - B) Vapor degreaser
- 2) Drip or blow dry (blow drying requires oil and water-free air)
- 3) Solvent rinse with methylene chloride or acetone as follows:
 - A) Dip bath
(or)
 - B) Vapor bath
- 4) Air dry

IMPORTANT:

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HEALTH CAUTION:

Please refer to Material Safety Data Sheet before using these products.

PLEASE REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER FIRST AID INFORMATION.

FOR CHEMICAL EMERGENCY
CALL CHEMTREC (DAY OR NIGHT) 800-424-9300.