

PRODUCT DATA

Chemlease® One FS™

Semi-Permanent Release Agent

Description

Chemlease® One FS™ is a solvent-based semi-permanent releasant for the composites industry which affords easy application in one step. The product should be applied to the mold surface very lightly and allowed to dry. The original mold surface finish appearance will be reproduced once the product is dry. Maximum durability will be achieved with this product.

Typical Properties

Appearance	Clear, colorless liquid
Density, lbs/gal; kg/l	6.08; 0.73
Flash Point, °F/°C	40/4
Storage Stability, unopened	12 months

Application

1. The mold surface must be cleaned before the application of Chemlease® One FS™ can be attempted. (See datasheet for Chemlease® Mold Cleaner.)
2. Apply a small amount of product to a clean cotton cloth and wipe on to the mold surface to form a glossy, continuous film.
3. As soon as the wiping action appears not to be forming a film, add more product to the cloth, to ensure that it wets out the mold surface being wiped as in #1 above.
4. Continue working across the mold until all of its surface has been coated.
5. Allow the film to dry for ten minutes.
6. Using the same procedure, apply five complete coats.
7. Cure for a minimum of 30 minutes after the final coat has been applied.
8. Begin molding and continue until release-ease appears tight.
9. When release becomes difficult, clean the mold with Chemlease® Mold Cleaner, followed by one coat of Chemlease® One FS™. Allow to cure for 15 minutes and resume molding.

Storage

Do not store at temperatures above 49°C/120°F. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures allow warming to room temperature before using.

Handling

We believe Chemlease® One FS™ has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Material Safety Data Sheet.

Packaging

Chemlease® One FS™ is available in 1-quart (1 liter), 1-gallon (4 liter), 5-gallon (20 liter) and 55-gallon (208-liter) container.

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.

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