



Chemlease® A880

Semi-Permanent Release Agent

Description

Chemlease® A880 is a rapid curing semi-permanent mold release agent for a broad range of industries including composites, plastics and phenolic resins.

Benefits:

- High thermal stability,
- Multiple releases between applications
- High slip

Application

1. Clean mold surface to remove all traces of waxes, releases and sealers or other contamination.
2. Clean mold with Chemlease® Mold Cleaner EZ.
3. Apply Chemlease® 15 Sealer EZ to new or porous molds (see Chemlease® 15 Sealer EZ technical data sheet for details).

Instructions for base coats:

To the cleaned/sealed mold surface:

Using a wetted clean 100% cotton cloth (we recommend Chemlease® Cotton Cloth) or fine mist spray pattern, wipe on a light coat or spray on a smooth, wet, (not runny) continuous film over the entire mold surface.

As a guide to achieving a "light coat", when the film is applied to a VERTICAL mold surface, the wet film should shine, but there should be no runs in it. Runs in the film indicate too heavy an application.

The film should proceed to dry evenly at ambient temperature.

1. Do not wipe film off, allow to dry on its own and cure for minimum 10 minutes.
2. If puddling or dripping occurs, wipe off any excess on the mold surface with a clean, dry cotton cloth
3. Apply a total of 3-5 coats per the above instructions.
4. Allow final coat to cure for 30 minutes at room temperature. Cure is instant at 120°C or higher.

Touch up coats:

Reapply one light coat as required and cure as for final coat.

TIPS: If final time can be extended to one hour or longer at room temperature or mold can be heated to 65°C or higher for 30 minutes, this will further enhance the quality of release and the number of releases between applications.

Important: The recommended number of coats and cure times are a general guideline found to be more sufficient in a broad spectrum of molding conditions. When molding products with extreme geometries or experiencing low-humidity conditions in the shop, the customer may find the need to extend the cure time between coats and increase the number of coats applied to the mold. The efficiency of a release film is best determined through a combination of tape tests and experimentation.

Storage

Do not store at temperatures above 38°C.

Keep container tightly sealed to prevent evaporation and/or moisture contamination. Chemlease® A880 is flammable. Keep away from heat, sparks, flames and combustion sources during storage and use. If stored in cold temperatures, allow to warm to room temperature before using.

Do not use if the use by date (see label on container) has been exceeded.

Handling

We believe Chemlease® A880 has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Safety Data Sheet.

Packaging

Chemlease® A880 is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

Further Information

Request information on our complete range of materials for this industry.

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