

PRODUCT DATA

Chemlease® 41 / Chemlease® 41-90

Semi-Permanent Release Agents

Description

Chemlease® 41 series products are rapid curing semi-permanent mold release agent that provides multiple releases with virtually no transfer to the molded part.

Benefits: High thermal stability, Virtually no transfer, Multiple releases between applications.

Chemlease® solvent carriers contain no Class I or II registered ozone depleting substances.

Series 41 Products:

Chemlease® 41

For releasing most materials where matte or satin finish is required.

•Chemlease® 41-90

Highest slip version of 41; primarily for closed molding of abrasive or low draft parts, where a matte or satin finish is required.

Application

Mold Preparation:

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

Instructions for base coats:

To the cleaned/sealed mold surface:

1. Using a wetted clean 100% cotton cloth (we recommend Chemlease® Cotton Cloth) or fine mist spray pattern, wipe or spray on a smooth, wet, (not runny) continuous film over the entire mold surface.
2. Do not wipe film off, allow to dry on its own and cure for 10 minutes.
3. If puddling or dripping occurs, (usually the case for heavy application or cold molds) wipe off any excess on the mold surface with a clean, dry cotton cloth
4. Apply a total of 3-5 coats per the above instructions.
5. 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.

Storage

Do not store at temperatures above 38 °C. Keep container tightly sealed to prevent evaporation and/or moisture contamination. If stored in cold temperatures, allow product to warm to room temperature prior to use.

Do not use, if the expiry date has been exceeded.

Handling

We believe Chemlease® 41 series products have 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® 41 and Chemlease® 41-90 are available in containers with a content of 3,8 kg and 0,76 kg. Chemlease® 41-90 is also available as aerosol version.

Further Information

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

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