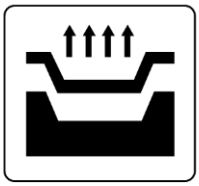
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Chemlease® PMR MS EU

Solvent-Based Semi-Permanent Release Agent



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Description

Chemlease® PMR MS EU is the latest evolution of the trusted PMR family of semi-permanent release agents for composites molding applications. Chemlease® PMR MS EU is a medium slip semi-permanent release agent specifically formulated to maximize the number of molded parts between application of release agent. Chemlease® PMR MS EU is an ideal choice for releasing complex shaped parts, while maintaining a Class A, high gloss mold finish.

Benefits

- Multiple releases between applications
- Easy to apply
- Reduces labor time and costs
- Provides excellent gloss
- High temperature stability

Mold Preparation

1. Mold surfaces should be thoroughly cleaned to remove all traces of wax, release agents, sealers and buffing compounds. Do a final cleaning of mold surface with the appropriate Chemlease® Mold Cleaner.
2. It is not necessary to seal the mold with a traditional mold sealer. If, however the mold is very porous, such as with tooling boards or 3D printed substrates, treatment with the appropriate Chemlease® mold primer is recommended, prior to application of release agent.

Application

1. Saturate clean cotton cloth (not dripping) and wipe on a smooth continuous film. Apply no more than a few square feet at a time.
2. When the film begins to evaporate at the edge, wipe the surface with a second clean dry cotton cloth. Use a circular motion from the outside, working inwards until film is left dry and clear. See **Note**.
3. Continue in this manner until entire mold surface has been covered.
4. Apply 3 - 5 total coats, allowing a minimum of 15 minutes to cure between each complete coat.
5. Allow 30 minutes for full cure, prior to gel coat application, layup, or molding.
6. When release becomes difficult, reapply 1 or more coats of Chemlease® PMR MS EU in the same manner, allowing 15 minutes between and 30 minutes after the final coat.

Note

Time will vary with room and mold temperature. Wipe off as the solvent begins to evaporate. If the release agent is left on too long, you may notice some smearing or streaking. To remove the smear or streak, wipe the affected area with the same Chemlease® release agent, then wipe off the area immediately following.

Important

The recommended number of coats and cure times are a general guideline found to be more than 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 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.

Packaging

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

Safety Data

Safety Data Sheets are available for all Chemlease® products and should be consulted prior to use of the product.

Further Information

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

Legal Notice

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