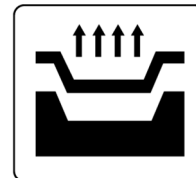




Chemlease® 2754W

Release Agent



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Description

Chemlease® 2754W is a semi-permanent, water-based release agent formulated for composite molding of various thermosets including polyester, vinyl ester, epoxy and phenolic resins in BMC, SMC, prepreg, and cast form. Chemlease® 2754W provides minimal transfer of release agent, high-temperature stability, and is capable of multiple releases. Chemlease® 2754W is a ready-to-use product and is designed to be applied directly onto elevated temperature tooling.

Mold Preparation

1. Mold surfaces should be thoroughly cleaned to remove all traces of wax, oils, sealers, buffing compounds and other release agents. Proper removal typically requires abrasive methods such as buffing/wet-sanding for composite molds and bead/ice blasting for metal molds.
2. Perform a final cleaning of the mold surface with Chemlease® Mold Cleaner EZ.

Application

1. To a clean mold, pretreat or condition the clean mold, by applying three, even coats of Chemlease® 2754W at normal processing temperatures, allowing the mold to dry between coats. For the initial treatment, it is recommended to allow a 10-minute cure after the final coat has been applied to obtain maximum performance.
2. Use conventional air-assisted or HVLP spray equipment and hold spray tip 8-10"/20-25 cm from the mold surface.
3. For best results, apply coats at elevated temperatures (at least 100°C/212°F) to aid in carrier evaporation and cure.
4. Reapply a light coat of Chemlease® 2754W when required to maintain desired release. For best results, allow a brief cure. To prevent buildup, avoid over application.

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

For best results, store between 68-100°F/20-38°C. Keep from freezing. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures, allow the product to reach room temperature prior to use. Mix gently before use.

Handling

We believe Chemlease® 2754W 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® 2754W 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.

Legal Notice

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