

Mono-Coat[®] E255

Semi-Permanent Release Agent

Description

Mono-Coat[®] E255 is a semi-permanent, solvent-based release system for molding operations. The system provides a non-transferring, abrasion resistant release film with a high degree of slip and, high-temperature stability. It contains no Ozone Depleting Substances (ODS).

Mono-Coat[®] E255 is a water-thin liquid that is ready-to-use as shipped. The release system becomes functional after cure. The release film is micro-thin and stable. Mono-Coat[®] E255 adheres to the mold surface and provides multiple releases with virtually no transfer to molded parts. This product minimizes buildup on the molds when applied according to instructions.

Typical Properties

Appearance	Clear liquid
Density, lbs/gal; kg/l	6.44; 0.77
Flash Point, °F/°C	58/14
Storage Stability, unopened	6 months

Application

Mono-Coat[®] E255 can be applied to either a hot or a cold mold (ambient to 370°F/188°C). For best results, Mono-Coat[®] E255 should be cured on the mold at 200°F/93°C or the molding temperature (whichever is higher) to achieve the maximum number of releases per application.

1. Thoroughly clean the mold with a Chem-Trend mold cleaner to remove the previous release agent or other contamination. Wipe dry with a clean cloth or towel. Then wipe with a solvent cleaner or naphtha and let air dry.
2. Use a light, even application when using a brush method. When wiping, apply thin, even coats. If wiping, we recommend using a clean, woven, T-shirt type material to avoid contamination.
3. Reapply a light coat of the Mono-Coat[®] when required, to maintain desired release. To prevent buildup, avoid over spraying.

Storage

Do not store at temperatures above 100°F/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.

Handling

We believe Mono-Coat[®] E255 has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Safety Data Sheet.

Packaging

Mono-Coat[®] E255 is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

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.

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat[®] semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.