



**PRODUCT DATA**

# Mono-Coat® E255

## Semi-Permanent Release Agent

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 overspraying.

### 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 Material Safety Data Sheet.

### Packaging

Mono-Coat® E255 is available in 1-gallon, 5-gallon (20-liter) and 55-gallon (208-liter) containers.

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.