

Mono-Coat® RM-1943WRB

Semi-Permanent Release Agent

Description

Mono-Coat® RM-1943WRB is a semi-permanent, water-based system specially formulated for molding operations when low transfer of release agent, high-temperature stability and abrasion resistance of the release film are important. It is particularly useful for molding parts where tight dimensional control is required and/or surface gloss are important. Mono-Coat® RM-1943WRB is ready-to-use as shipped.

Typical Properties

Appearance	Off-white fluid
Density, lbs/gal; kg/l	8.34; 1.0
Flash Point	None to boil
Storage Stability	6 months

Recommended Uses

Rotational Molding - all types: XPLE, HDPE, MDPE, LDPE, LLDPE.

Application

1. Thoroughly clean the mold using mechanical or abrasive techniques. Prepare the mold for release agent application through a final wipe-on, wipe-off treatment with Mold Cleaner EZR, using 100% cotton cloths.
2. Mono-Coat® RM-1943WRB can be spray-applied or wipe-applied to a cold mold using air-assistance to dry the film, or the mold can be warmed with a heat gun or torch prior to application.
3. Spray or wipe-apply Mono-Coat® RM-1943WRB in LIGHT even coats. As a guide to achieving a "light even coat" when the film is applied to a VERTICAL mold surface, the wet film should shine, but there should be no runs in it. Runs in the film indicate too heavy an application.
4. Apply at least three coats and ensure that between applications all water has evaporated.
5. The prepared mold should be given a "dry" bake cycle. Begin molding.
6. Reapply a LIGHT coat of Mono-Coat® RM-1943WRB when required, to maintain desired release.

Storage

For best results, store Mono-Coat® RM-1943WRB between 55-80 °F/13-27 °C. Keep from freezing. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures, allow to warm to room temperature before using.

Handling

We believe Mono-Coat® RM-1943WRB 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® RM-1943WRB 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: 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.

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.