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Mono-Coat® RM-1908WRHS

Sacrificial Release Agent

Mono-Coat® RM-1908WRHS is designed for a variety of rotational molding applications where a high degree of lubricity and slip is required, such as molding double skin parts or when the removal of core is required. Mono-Coat® RM-1908WRHS is a sacrificial release agent and is supplied as a ready-to-use product. It has excellent high temperature and in-can stability.

Typical Properties

| | |
|-----------------------------|-----------------|
| Appearance | Off white fluid |
| Density, lbs/gal; kg/l | 8.30; 1.00 |
| Flash Point, °F/°C | None-to-boil |
| Storage Stability, unopened | 12 months |

Application:

1. Thoroughly clean the area to be treated with the appropriate Chem-Trend mold cleaner to remove any previous release agent or other buildup. Wipe dry with a clean cloth or towel. Then wipe with a clean solvent or naphtha and let air dry.
2. Using a plastic trigger spray bottle or clean, cotton cloth saturated with the product, apply three coats of Mono-Coat® RM-1908WRHS over the tool area or areas that require extra slip such as the core or insert. Because this product is water-based, “running” or “dripping” on the tool surface is normal.
3. Use a dry, cotton cloth and wipe off all excess mold release from the surface of the tool. Do not leave any residual moisture or release puddles in the tool when loading with polyethylene as this will cause warping and pock marks. Wring cloth when saturated.
4. Coat all pins and inserts with Mono-Coat® RM-1908WRHS. Wipe dry with a cotton rag.
5. An oven cure prior to molding is not required. Once the Mono-Coat® RM-1908WRHS has been thoroughly applied and the residual moisture wiped off, load the tool with polyethylene and begin molding.
6. Reapply an even coat over the entire tool after every shot to ensure adequate release ease.

Storage

The recommended storage temperature is <95 °F (35 °C). Keep from freezing. Keep container tightly sealed to prevent evaporation and/or contamination. If stored in cold temperatures, allow product to warm to room temperature prior to use.

Handling

We believe Mono-Coat® RM-1908WRHS 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® RM-1908WRHS is available in 1-gallon (3.8-liter), 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.