

Grubercare MR Sealer



Step 4 of the GruberCare Semi-Permanent Mold Release System

GruberCare™ MR Sealer is designed as a mold sealer for glass reinforced polyester, vinyl ester, epoxy or metal molds. GruberCare™ MR Sealer is an advanced polymeric resin in an organic solvent blend. GruberCare™ MR Sealer is especially recommended for use on new molds and repaired areas on older molds.

For use in combination with the MR GP and MR HI-TEC products. It should be used to prevent styrene emission or migration from new molds and eliminate surface porosity of metallic molds. The resin both seals micro porosity and fills minor scratches on the mold surface. The result is a smooth, high gloss surface primed for GruberCare top-coat application. GruberCare™ MR Sealer is especially recommended for use on new molds and repaired areas on older molds.

Product Benefits

- Efficient mold sealer and primer
- Easy application
- Enhances mold gloss (see application details for appropriate coating technique)
- Low odor
- Minimal mold build-up
- Versatile, can be used on all mold surfaces
- Durable; provides semi-permanent base-coat for mold release agent top coats

MR Sealer - Technical Characteristics

Specific Gravity:	6.51 lbs. per gallon approx.
Odor:	Mild
Physical Appearance:	Colorless
Flash Point:	82°F and above
Coverage:	Approximately 800-1000 sq. ft. per gallon
Solvent Mixture:	Mixture of Aliphatic Hydrocarbons

Description/Order Number

Quart - Ea - #MR0102

Quart - Case of 10 - #MR0103

Gallon - Ea - #MR0104

Gallon - Case of 4 - #MR0105

Squeeze Bottle, 1 Pint - Ea - #MR0601-1 (Note: Discontinued. Call for availability before ordering).

Application Procedure:

Please read **Material Safety Data Sheet** before use.

1. Wet a small, clean cotton cloth liberally with MR Sealer. Apply evenly to large areas of the mold. Allow the mold to remain wet at least 20-30 seconds or until the wet film begins to dry and separate.
2. Then, with a large, clean, dry cotton cloth, wipe over the applied area ONCE. This smooths over the application and leaves a thin moist coating. Do not continue wiping until the surface is dry.
3. Continue in this same manner until entire mold has been coated. Allow each coat to cure at least 15 minutes before applying the next coat.
4. Apply 3 coats of **MR Sealer** to refurbished tooling. Extra coats may be applied if tooling is new or over areas which have been newly repaired.
5. For optimum performance, allow MR Sealer to cure for 1 hour after applying the final coat.
6. The complete sealer coat application should be followed with 3-4 coats of either **Step 5A MR GP** or **Step 5B MR Hi-Tec**.

Top-coat: GruberCare MR Sealer can be used a sealer and primer for any GruberCare top-coat, e.g. **MR GP** or **MR Hi-Tec**. See the specific technical data sheet for application information.

Note: The polymeric resin used in GruberCare MR Sealer reacts with moisture. Please ensure can is resealed after use. GruberCare MR Sealer is supplied ready to use, no shaking or mixing is required. Do not mix with other products or solvents.