

GruberCare MR Sealer CA



Polymer Release Agent Sealer

Product Description:

GruberCare™ MR Sealer CA Polymer Release Agent Sealer is recommended to seal micro-porosity in polyester or vinylester GRP molds. The product is also designed as a mold sealer for epoxy or metal molds. GruberCare MR Sealer CA is an advanced polymeric resin in an organic solvent blend. 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 CA 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
- Provides best bonding of top coats to mold surface
- Durable; provides semi-permanent base-coat for mold release agent

Physical Properties:

- Appearance - Clear, colorless liquid
- Odor - Hydrocarbon
- Specific Gravity - 0.44 oz/cubic inch (0.762 g/cc)
- Flash Point - >75.2°F (24 °C)
- Solvents - Aliphatic hydrocarbon
- Coverage - 20 – 25m² / L
- Shelf life - One year Storage - Flammable store. See Material Safety Data Sheet (MSDS) for further details.

Order Information

Can – 5 Liters (1.32 gallon) - #MR1104

Case of 4 Cans - #MR1105

Drum quantities available - Call for pricing

Applications

- Fills porosity on porous molds
- Blocks reactive styrene in new molds
- Bonding of top coats to mold surface

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

Instructions for Use

Please read Material Safety Data Sheet (MSDS) before use. If necessary, polish mold to the desired level of gloss. GruberCare MR Sealer CA should only be applied to clean and dry mold surfaces. If a wax or silicone-based release agent has been used previously, remove all traces of previous product using a solvent-based cleaner such as GruberCare MR Stripper CA. Mold cleaning and GruberCare MR Sealer CA application should be performed in a well-ventilated area.

1. Apply GruberCare MR Sealer CA with a clean, dry cotton cloth.
2. Gently wipe over mold surface, covering an area of approximately 2 square feet.
3. Wait 10-20 seconds (until the edges of the wet film start to dry). Using a second dry cotton cloth, gently spread the wet film. Do NOT wipe dry. Vigorous rubbing or polishing is not required.
4. Repeat until mold is completely coated. Ensure each application area overlaps the last to ensure complete coverage.
5. Allow at least 10 minutes between coats.
6. Repeat Steps 1-5 above for a total of three coats.
7. Allow final film to cure for at least 30 minutes at room temperature before applying top-coat. Allowing a longer cure or heat curing (e.g. 10 minutes at 140°F) will improve film durability. Top-Coat: GruberCare MR Sealer CA can be used as a sealer and primer for any polymer top-coat, e.g. GruberCare MR ACA or GruberCare MR GCA. See the specific Product Bulletin for application information.

Note: The user will determine the suitability for use of this product. The recommendations / data given above are based on information we believe to be accurate. They are intended to be used only as a guide for selection for end-use evaluation and do not constitute a product specification. Gruber Supplies & Accessories cannot assume responsibility for results obtained by use of this product as we have no control over end-use applications or handling. Gruber S Supplies & Accessories therefore specifically disclaims any damage or loss of any kind in relation to the use of this product.