



Release Innovation™

PRODUCT DATA SHEET

Chemlease® MPP 2737

Mold Prep and Primer

Description

Chemlease® MPP 2737 is specifically formulated for quickly sealing low density and porous molds, masters and plugs. Compatible substrates include, but is not limited to epoxy and urethane tooling board, monolithic graphite as well as 3D printed SLS, SLA and FDM materials used for rapid prototyping. This product cures at ambient temperatures and does not require a post-cure.

General

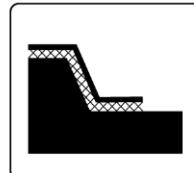
Chemlease® MPP 2737 is an excellent sealing material, but should not be used as a mold release agent. Use of this product without a release agent may result in severe damage to the mold or master. It has the ability to enhance the performance of semi-permanent release agents. The appropriate Chemlease® releasant should be applied on top of the product after it has been cured.

Mold Preparation

1. Chemlease® MPP 2737 should be applied onto a clean mold surface. Apply the appropriate cleaner such Chemlease® Mold Cleaner EZ to remove all traces of contaminants such as waxes, silicones, oils, etc. Use liberal quantities of mold cleaner in a well-ventilated area, then wipe dry with clean cotton cloths until the mold is "squeaky clean".
2. The wiping cloth should be changed regularly to ensure that a clean, absorbent surface of the wiping cloth is always presented to the mold surface. This procedure prevents recontamination of the mold by wiping cloths which carry contaminants lifted from the mold.

Application Instructions

1. Apply Chemlease® MPP 2737 by wiping. Use clean, soft cotton cloths. A wipe on/leave on technique can be used, even for "Class A" finish molds, applying to an area of about four square feet at a time. Care should be taken on large structures to ensure that the overlap area is as small as possible and that the product on the area overlapped has not already cured.
2. Allow 30 minutes between each coat. The number of coats varies depending on the surface roughness of the mold/master after sanding, machining, or print resolution.
3. After the final coat, allow a 1-2 hour cure at room temperature.
4. When the product has cured, apply the appropriate Chemlease® mold release. Please refer to the proper



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Product Data Sheet for mold release application details and instructions.

Important

The recommended number of coats and cure times are a general guideline found to be sufficient in a broad spectrum of molding conditions. When molding products with extreme geometries or experiencing low-humidity conditions in the shop, the customer may find it necessary to extend the cure time between coats and increase the number of coats applied to the mold. The efficiency of a release film is best determined through a combination of tape tests and experimentation.

Storage

The container should be kept closed at all times when not in use to prevent contamination, evaporation and/or premature curing. Do not store at temperatures above 100°F/38°C. Chemlease® MPP 2737 is flammable. Keep away from heat, sparks, flames and combustion sources during storage and use. If stored in cold temperatures, allow to warm to room temperature before using.

Handling

We believe Chemlease® MPP 2737 has a low degree of hazard when used as intended. For more information, request a copy of the Chemlease® Safety Data Sheet.

Packaging

Chemlease® MPP 2737 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.