



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & PROCESS ADDITIVES

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Technical Data Sheet



**WC-Gel Stripper**  
**Mold Stripper**

**Product Description**

A non-flammable, water-based stripper specifically designed for stripping many semi-permanent release agents. Also suitable for removing other types of residue, including silicone contamination and residue from many mold polishes and compounds.

**Composition**

A complex formulation of surface-active and cleaning agents

**Handling**

Keep this water-based product from freezing.  
Use and store below 100°F / 39°C.  
It is normal for this product to phase separate.  
MIX OR SHAKE VERY WELL BEFORE USING.

**Features**

Water-based mold stripper  
Perfect for heavy build up and nonskid/textured molds  
Hangs well on vertical sides

**Uses**

Mold stripper for removing semi-permanent mold releases and sealers.  
NOT recommended for removing heavy buildup of paste waxes or hardened resin.  
Use at ambient temperature.

**Typical Properties**

Color	White
Specific Gravity	Gel @ 25°C
Viscosity	Gel
pH	>12
Flash Point	Non-Flammable (>232°F)
Shelf Life	12 months in original unopened package
Packing	Plastic containers

**Application Instructions**

USE FULL STRENGTH. DO NOT DILUTE.

1) MIX/SHAKE VERY WELL. Apply liberally to mold at room temperature using a clean cotton cloth or brush to work the cleaner over the surface. Firm pressure and a circular motion work best. If mold is not high gloss, brushes or other types of cleaning pads can be used. After working over the entire surface with stripper, the mold should be wet with a thin 1/8 inch layer.

2) Allow to stand for 60-360 minutes to penetrate. Letting WC-Gel stripper sit longer than 60 minutes, it will develop a skin which is easily removed by water wash.

3) Use another clean cloth (cotton is preferred) and a bucket of water (warm water is preferred) to thoroughly water wash the mold. Rinse the cloth out frequently as you water wash in a firm circular motion. Initially, water droplets on the mold surface will be large in size, but as you continue to wash they will become smaller and smaller, indicating that you have completed the water wash process.

4) Next, dry the mold surface with paper shop towels or another clean cotton cloth.

5) To ensure that molds are very clean, we highly recommend completing the stripping process (following step 6) by using a quick flashing solvent cleaner, like AXEL's CX-500.

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