

## technical data



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & INTERNAL LUBRICANTS

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# MOLD WIZ WB-B25

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**General:** A liquid external release agent that dries at room temperature forming a monomolecular film which adheres by absorption to the mold surface and has no affinity for the molded resin or rubber. This selective adhesion prevents the film from being easily abraded by the de-molded part. Numerous de-moldings per application of release agent may be possible.

**Use:** Polyester, Epoxy, Acrylic, Methyl methacrylate, Phenolic and Rubber. Recommended for compression molding and friction product production.

**Composition:** Proprietary resin emulsion of polyolefins and organic fatty acids in combination with wetting agents and surfactant in a water vehicle.

### TYPICAL PROPERTIES:

<b>SOLIDS:</b>	<b>20%</b>
<b>COLOR:</b>	<b>Off white</b>
<b>SPECIFIC GRAVITY:</b>	<b>1.00 @ 25°C</b>
<b>VISCOSITY:</b>	<b>&lt; 50 cps @ 25°C</b>
<b>pH:</b>	<b>9.20 – 11.20</b>
<b>FLASH POINT:</b>	<b>Non Flammable</b>
<b>SHELF LIFE:</b>	<b>Minimum of one year</b>

### Application Instructions:

Apply to a clean mold surface. If necessary, use Clean Wiz to clean. Depending on the resin and process, mold release can be diluted up to 25 times with lukewarm water.(96 Part Water + 4 Part WB-B25) and can be applied by spraying or wiping a thin film on the mold and allowing to dry.

For start-up, apply at least 3 light coats allowing each to dry before applying the next coat. Wipe in alternate direction, or if spraying, assure that the spray is light and well distributed on the mold surface. Heat lamps or fans can be used to accelerate drying. Add an additional coat(s) of mold release whenever the mold has been cleaned with Clean Wiz, or as required to restore good release properties.

All information given by us about our products is based upon our tests and experience. It is intended for use by persons having technical skill at their own discretion and risk, and we assume no liability in connection with their use.

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