

## technical data

# AXEL

PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & INTERNAL LUBRICANTS

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## MOLD WIZ WB-GR-50

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**General:** A water based external release agent that dries at room temperature forming a mono-molecular film which adheres by adsorption to the mold walls and has no affinity for the resin. This selective adhesion prevents the film from easily being torn off by the demolded part. Will not interfere with any secondary operations such as decorating, bonding, or painting.

**Use: Natural and Synthetic Rubber  
Polyurethane Elastomer**

**Composition:** Proprietary emulsion of hydrocarbons and ester wax, organic fatty acids with siloxane base polymer in combination with wetting agents and surfactant in a water vehicle.

### TYPICAL PROPERTIES:

<b>SOLIDS:</b>	<b>4.5 – 5.5%</b>
<b>COLOR:</b>	<b>White / Cream Yellow</b>
<b>SPECIFIC GRAVITY:</b>	<b>0.994 @25°C</b>
<b>VISCOSITY:</b>	<b>&lt;50 cps @25°C</b>
<b>pH:</b>	<b>9 - 11</b>
<b>FLASH POINT:</b>	<b>Non Flammable</b>
<b>SHELF LIFE:</b>	<b>Minimum of one year</b>

### Application Instructions:

Clean mold with CleanWiz. For optimum results, apply mold release in a thin coat by spray wherever possible. Allow to dry for five minutes. Spray a thin coat (fine mist to dry film). Accelerate drying time by blowing hot air or by using heat lamps. Repeat whenever mold has been cleaned with CleanWiz or as required to give mold 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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