

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ

249-B41

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 demolded part. Numerous demoldings per application of release agent can be expected without any necessity for washing the parts. The release will not interfere with secondary finishing operations such as decorating, bonding, or painting.

Use: Polyester, Epoxy, Acrylic, Methyl methacrylate, Phenolic, Rubber. Winding, Hot press molding & Preforms for all molding surfaces.

Composition: A complex emulsion of organic phosphate esters, cross linked polyolefins and modified fatty acids with wetting agents and surfactants in a water/alcohol vehicle.

TYPICAL PROPERTIES:

SOLIDS:	7%
COLOR:	Off white
SPECIFIC GRAVITY:	0.978 @ 25°C
VISCOSITY:	10 - 90 cps @ 25°C
pH:	8.0-10.0
FLASH POINT:	Non Flammable
SHELF LIFE:	Minimum of one year

Application Instructions:

Clean mold with CleanWiz. Apply mold release with a clean cotton cloth wiping in two directions, using a circular motion. Allow to dry for five minutes. Spray a thin coat (fine mist to dry film) and allow to dry completely with no moisture residue. 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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