

technical data

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MOLD WIZ

WF-57

General: A water-based, external release agent that dries at room temperature forming a monomolecular film which adheres by adsorption to the mold surface and has no affinity for the molded resin. This selective adhesion prevents the film from being easily abraded by the molded part. Numerous demoldings per application of release agent can be expected without any need for washing the parts. The release will not interfere with any secondary finishing operations such as bonding, or painting.

Use: Composites - UPR, VE, epoxy

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

TYPICAL PROPERTIES:

SOLIDS:	5 –7%
COLOR:	white
SPECIFIC GRAVITY:	1.00 @ 25°C
VISCOSITY:	<50 cps @ 25°C
pH:	9.0 – 11.0
FLASH POINT:	Non Flammable
SHELF LIFE:	Minimum of one year

Application Instructions:

Clean mold with CleanWiz□. Porous FRP mold surface may require Melax□ mold sealer and conditioner. Apply mold release with a 100% cotton cloth. Wipe on uniformly using a circular motion. Allow to haze dry. Without polishing, wipe on a second coat in a small area. With a dry cotton cloth, immediately polish the wet area. Wet polishing will result in an easy-to-polish high gloss surface. After wet polishing the entire mold, repeat a second time. Wait at least a half hour before beginning to mold. Repeat wet polish application between parts gradually working up to multiple releases before re-application of the mold release.

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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