

technical data



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MOLD WIZ WB-4242R

General: A water-based external release agent with anti-rusting properties that dries at room temperature forming a monomolecular film which adheres by absorption to the mold walls and has no affinity for the resin or rubber. This selective adhesion prevents the film from easily being torn off by the demolded part resulting in numerous demoldings per release application without any necessity for washing the mold.

Use: General release for polyurethane such as cast elastomers, etc. for the shoe, construction and automotive industry

Composition: Proprietary resin emulsion comprising modified siloxane-based polymers forming a release film upon evaporation of the water carrier.

TYPICAL PROPERTIES:

SOLIDS:	9 – 12 %
COLOR:	Off white
SPECIFIC GRAVITY:	1.00 @ 25°C
VISCOSITY:	<15 cps @ 25°C
pH:	6.5 - 8.5
FLASH POINT:	Non Flammable
SHELF LIFE:	12 months

Application Instructions:

Begin with a clean mold surface. Apply a thin film of release by spraying or wiping and allow to dry completely with no moisture residue. If spraying, apply with in a light mist. If wiping, use a clean, 100% cotton cloth and apply using a circular, and/or work in opposing directions, to insure good coverage. Drying time can be accelerated by using a fan or by using heat lamps or other heat sources. Depending on the porosity of the mold surface, 2-3 coats light coats may be required for the initial application. Apply additional mold release as required during the production cycle, paying special attention to tight radius and shear edges. Repeat initial application procedure whenever the mold has been completely cleaned or repaired. Mold release must be thoroughly dry before beginning to mold.

Always store in the original container at temperatures between 36°F (2°C) and 100°F (38°C) and protect from freezing.

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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