



Technical Data Sheet

50 Cambridge Drive, Monroe CT 06468 USA
+1 203.590.2000 | +1 800.332.AXEL
www.axelplastics.com

MoldWiz® 582EPU External Mold Release

Product Description:

A liquid, external release agent that evaporates at room temperature forming a monomolecular film.

MoldWiz 582EPU is ideally suited for molding polyurethane flexible foam, molding applications.

May be used with FRP and metal molds. Some transfer of 582EPU is normal, therefore some secondary bonding and painting will need cleaning of the parts before post bonding and/or painting.

Composition:

Proprietary resin emulsion of release agents in a solvent solution.

Use:

PU foams and elastomers, Various types of open and closed molding operations.

Handling:

Keep container closed when not in use. Store above freezing and below 100°F / 38°C. DO NOT DILUTE.

Mixing Instructions:

There are 2 approaches that may be used for mixing 582EPU:

1. Hand mixing using a stainless-steel paddle for a drum, a paint spatula for a 5-gallon pail, or hand shaking for a gallon.
2. Drive agitation using a pneumatic or electric drive with a shaft and blades, a drum mixer for drums, or a drill mixer for pails.

Instructions for Use:

MoldWiz 582EPU can be wiped, brushed, or sprayed on. For wiping on, apply mold release with a 100% cotton cloth or blue paper shop towel. Wipe on uniformly using a circular motion. In many cases a spray application will achieve a more uniform application of the 582EPU on the mold surface.

AXEL recommends a spray system be used that can create a uniformly atomized spray pattern, such as: a HVLV spray gun or a Milwaukee Sure Shot Sprayer. 582EPU can also be applied by brush. Please contact AXEL if further application suggestions are needed.

Review SDS before use.

FEATURES:

Minimal amount needed - high actives	Clean release
Low odor	Excellent surface finish

TYPICAL PROPERTIES:

COLOR	Clear - Hazy
SPECIFIC GRAVITY	0.820 – 0.870 @ 25°C / 77°F
FLASH POINT	>61°C / >141.8°F
VISCOSITY	0 – 60 cp @ 25°C / 77°F
SHELF LIFE	One year from date of manufacture