technical data

MOLD WIZ
EM-303SF2

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. Will not interfere with any secondary operations such as decorating, bonding, or painting.

Use: Phenolic, Melamine, Rubber
Polyester, Epoxy

Composition: Proprietary resin emulsion of polyolefins and fluoropolymer in combination with wetting agents, surfactant in a water vehicle.

TYPICAL PROPERTIES:

SOLIDS:	**2.5 – 3.5%**
COLOR:	**Off white**
SPECIFIC GRAVITY:	**0.990 @ 25ºC**
VISCOSITY:	**<15 cps @ 25°C**
pH:	**9.5 – 11.5**
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 and hand polish to a smooth finish, wiping straight in two directions. 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.

For best results: Bake release at 300-400 F for up to 2 hours. This is only necessary for first time application or after cleaning tool. Spray a thin coat as required. Baking is not required after first application but it will improve the mold release properties.

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