

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ

LCE-20

No chlorinated solvents

General: A liquid external release agent that dries at room temperature forming a monomolecular film which adheres by adsorption to the mold walls and has no affinity for the resin. 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 parts. Will not interfere with any secondary operations such as decorating, bonding, or painting.

Use: Polyester Vinyl ester

Composition: A proprietary complex resin solution of cross-linked polyolefins in combination with organic phosphate esters in volatile hydrocarbon solvents.

TYPICAL PROPERTIES:

SOLIDS:	1.5 – 2.0%
COLOR:	Cloudy Translucent
SPECIFIC GRAVITY:	0.816 @ 25°C
VISCOSITY:	<15 cps @ 25°C
FLASH POINT:	<73°F / <23°C (C.O.C)
SHELF LIFE:	Minimum of one year

Application Instructions:

Clean mold with CleanWiz®. Porous FRP mold surfaces may require Melax® mold sealer and conditioner. Apply mold release with a 100% cotton cloth. (Solvents in the mold release may dissolve synthetic fiber leaving a deposit or streaks on the mold). Wipe on uniformly using a circular motion and hand polish to a smooth finish. Spray a thin coat (Fine mist to dry film) and allow to dry completely with no moisture residue. Repeat whenever mold has been cleaned with CLEAN WIZ or as required to give mold release properties.

Note: Polishing is optional. For matte finish, do not polish.

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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