

technical data

AXEL

PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MELAX-1/NC

Mold Conditioner & Polish

No Chlorinated solvents

General: A soft paste mold conditioner and that helps seal micro-porosity in for fibreglass, epoxy and aluminium mold surfaces (for wood, plaster, or other highly porous substrates). Effectively seals surface porosity resulting in smoother mold surface, better surface on finished parts, and improved release from mold cavities. May also be used as a protective polish and gloss enhancer on molded FRP parts and on metal surfaces.

Composition: A proprietary complex emulsion emulsion of polyolefins, hydrocarbon wax and organic fatty acids in combination with surfactant, emulsifiers and a water/petroleum hydrocarbon vehicle.

TYPICAL PROPERTIES:

SOLIDS:	19-21%
COLOR:	Mushroom Brown
SPECIFIC GRAVITY:	1.04 @25°C
VISCOSITY:	> 3000 cps @ 25°C
pH:	8.0 – 10.0
FLASH POINT:	Self extinguishing
SHELF LIFE:	Minimum of one year

Application Instructions:

Clean mold with to remove any surface contamination, dirt, oils, or residue from previously used mold release products.

Wet a soft, clean 100% cotton cloth with Melax 1 and use this to apply. Rub over the entire surface using a circular motion. Allow to dry to a haze and then hand polish to smooth finish. If the surface is very porous, a second application may be required. Apply at ambient temperature and do not apply under direct sun, or polishing will be difficult.

Repeat application of Melax 1 whenever mold has been fully stripped, cleaned, compounded or repaired.

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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