

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ

424/7NC

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.

Use: Polyurethane

Composition: Proprietary resin solution of polyolefins, hydrocarbon wax and wetting agents in petroleum solvents.

TYPICAL PROPERTIES:

SOLIDS:	8.0 – 10.0%
COLOR:	Beige
SPECIFIC GRAVITY:	0.820 @25°C
VISCOSITY:	< 100 cps
FLASH POINT:	<73°F / <23°C (C.O.C)
SHELF LIFE:	Minimum of one year

Application Instructions:

424/7NC is available in 1-Gallon containers, 5-Gallon Pails, and 55-Gallon Drums. It may be applied to hot or cold molds by spraying, wiping or brushing. Spraying with a fine mist is preferable because it eliminates wipe or brush marks and results in the smoothest finish with the fastest drying time.

424/7NC may be diluted with 3-5 parts solvent. A mixture of 50% Aliphatic hydrocarbon + 25% Toluene + 25% Acetone is recommended.

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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