

## technical data



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & INTERNAL LUBRICANTS

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# MOLD WIZ

## AZN-SP Spray

Contains no Class I Ozone Depleting Chemicals

**General:** A liquid external release agent that dries at room temperature forming a mono-molecular film which adheres by absorption 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 secondary operations such as decorating, bonding, or painting.

AZN-SP Spray also protects metal molds from oxidation and rusting ; making it a useful coating to protect molds that are being stored.

**Use:** Thermoset Resins, Thermoplastics  
Natural and Synthetic Rubber  
Protective coating for metal molds

**Composition:** Proprietary resin solution of organic fatty acids, esters and wetting agents in aerosol propellant.

### TYPICAL PROPERTIES:

<b>PACKAGING:</b>	<b>AEROSOL</b>
<b>SOLIDS:</b>	<b>&lt; 2%</b>
<b>COLOR:</b>	<b>Translucent</b>
<b>FLASH POINT:</b>	<b>Non Flammable</b>
<b>SHELF LIFE:</b>	<b>Minimum of one year</b>

### Application Instructions:

**Aerosol:** Clean molds thoroughly from wax build-up, residues and other contaminants. 2. Shake can well before use. 3. Hold can 10 inches from mold surface. Spray lightly moving north-south. After drying, spray east-west to insure complete coverage. Do not spray a heavy coat - a thin film is adequate and most efficient. 4. Demold one part, repeat thin film spray. 5. Demold as many parts as possible until one part demolds slightly harder than previous part. Then re-spray and mold.

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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