



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & PROCESS ADDITIVES

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Technical Data Sheet

**MoldWiz®**

**INT-XPH**

**Internal Mold Releases  
Process Aid Additives**

**Product Description**

A liquid internal mold release/process aid additive which is incorporated directly into the resin solution.

Internal mold release / process aid additive to improve the wetting of the resin and saturation of the paper, as well as to provide excellent release.

An effective addition of process aid additive will not have any adverse effect on the cured resin or interfere with secondary operations such as laminating, printing, painting or with adhesion properties between laminates and substrates.

**Composition**

Proprietary synergistic blend comprising organic fatty acid derivatives with surface active agents  
Does not contain water

**Handling**

Keep container closed when not in use.  
Preferable to store above freezing  
and below 100°F / 38°C.

**Uses**

Emulsion for water-based resins systems  
Phenolic, Melamine, Urea, Latex

**Typical Properties**

Color	Amber
Specific Gravity	1.03
Flash Point	>300°F /> 150°C (C.O.C)
pH	8.20-9.00
Viscosity	3500 cps @25°C
Shelf Life	1 yr. minimum in original closed container

**Instructions for Use**

For best results, laboratory tests or pre-production trials should determine the optimum addition level. Typical addition level in ranges from 0.1% – 1.0 % based on solids of additives to solids of resin solution.

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