technical data

MOLD WIZ
INT-1846

General: A process aid additive and mold release with anti-static properties which is incorporated directly into the resin eliminating the need for an external mold release agent. Improves resin flow and line speeds. An effective addition of process aid additive will not have any adverse effect on the cured resin. The complex polymeric nature of the process aid additive will not interfere with secondary operations such as decorating, silk screen printing, painting, bonding or plating.

Use: Epoxy
Especially recommended for Amine cured systems

Composition: Proprietary synergistic blend of organic fatty acids and esters combined with wetting agents.

TYPICAL PROPERTIES:

SOLIDS:	**100%**
EFFECTIVE INGREDIENTS:	**100%**
COLOR:	**Amber**
SPECIFIC GRAVITY:	**0.986 @ 25ºC**
VISCOSITY:	**200 - 600 cps @25ºC**
pH:	**1.0 – 3.0**
FLASH POINT:	**300°F / 149°C (C.O.C.)**
SHELF LIFE:	**Minimum of one year**

Application Instructions:

General: For best results, laboratory tests or pre-production trials should determine the optimum addition level. MoldWiz process aid additives are effective within a range of 1 to 10 parts per 1000 resin or rubber by weight, excluding reinforcements, pigments and fillers. High amount of filler may require a higher percentage of process aid additives than the indicated maximum. Always start an evaluation at 5 parts per 1000 (0.5%). In thermosets, too much additive may retard the cure. ***Reduce the level of additive or slightly increase the catalyst. Too much additive may retard the cure. Reduce the level of additive or slightly increase the catalyst.

Mixing For two-part thermoset resins, mix the process aid additive in the less viscous or less reactive side before catalyzing.

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