

McLube

Applications:

Compression Molding
Injection Molding
Laminates
Mold Protective Coating
Potting
RIM
Transfer Molding

Materials:

Polyurethane
Nylon
Ionomer Resins
Vinyl
Polyesters
Suryln

Properties:

Solvent Based
All purpose mold release coating
Can be used up to 550°F
Clean dry colorless nonoily film
Contains no oil grease stearates
waxes or silicone oil
Gives multiple releases per
application
Keeps molds cleaner longer
Leads to increased productivity and
reduced scrap rate
Outstanding thermal and chemical
stability
Protects molds against corrosion
during storage
Requires no curing step
Will not cause knit lines on molded
rubber parts
Will not interfere with post finishing
operations
Will not transfer



McLube 1725L PTFE Mold Release Agent

Description:

McLube 1725L is a solvent dispersion of a solid active ingredient, which exhibits low friction and excellent anti-stick/ release characteristics. The product furnishes a release coating for all types of rubber and plastic compounds and works equally well on metallic and nonmetallic molds at temperatures up to 550°F. An added feature of McLube 1725L is its protection of mold surfaces against corrosion while in storage.

Technical Data:

Color and appearance.....White, translucent dispersion
Dispersing medium.....Solvent blend - heptane, ethanol, butyl acetate
Specific gravity.....0.78
Weight per gallon (lbs.).....6.5

Application Method:

The surface to be coated should be clean and free from grease, oil, dirt and particularly all traces of prior release agents. A solvent cleaner such as McLube Mold Cleaner can be used. McLube 1725L is intended for use as received. Since McLube 1725L is a dispersion of solid particles, it must be mixed prior to and periodically during use. Any conventional method can be used for application - spraying, dipping, wiping or brushing. On a fresh mold, a thin, even coating should be applied, followed by a second coat once the solvent has evaporated from the first. For the first few cycles, coating the mold each cycle is suggested. Once conditioned, several cycles should be obtainable, and molds should stay cleaner longer. As a mold protective coating, McLube 1725L should be applied immediately after the mold has been cleaned; two coats are suggested. When the mold is taken from storage, it can be returned to the press without cleaning, although wiping with

a soft cloth is suggested. For use as an anti-stick coating for process equipment, the rate of application will vary with operating conditions and the materials being processed. More frequent reapplication is generally required at start-up. Product is particularly effective in reducing buildup of resins, inks, and adhesives.

Safety and Handling:

The Material Safety Data Sheet for McLube 1725L should be reviewed before using the product.

The precautions to be observed in handling McLube 1725L are those related to the solvent blend in the product - heptane, ethanol, butyl acetate. These solvents are flammable, and thus, the product should be kept away from heat, sparks and flames. Use only with adequate ventilation, especially in enclosed areas. The active ingredient is essentially nontoxic, but heating it above 550°F, may cause formation of potentially harmful substances. Smoking should not be permitted while using McLube 1725L, and contamination of tobacco products should be avoided. Safety glasses and gloves are recommended when using this product.

Availability

12 oz. Spray Can, Gallon Container, 5 Gallon Pail, 55 Gallon Drum

Important:

For expert technical assistance in selecting the optimum product to meet your specific requirements and to be convinced of the benefits of McLube lubricant coatings, we recommend you evaluate the appropriate product under your specific conditions. Samples and technical assistance are available, as well as custom formulations that suggest themselves for a specific application.

Call 1-800-2-MCLUBE (1-800-262-5823)

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