

LOCTITE® FREKOTE SILICONE MOLD RELEASE AGENTS

Known as

FREKOTE® Silicone Mold Release Agents

November 2015

Description

Loctite® Frekote® Silicone mold release agents offer superb release properties, choice of finish, and excellent part detail to meet your specific molding requirements. All of these solvent-based products can be applied to steel, aluminum, epoxy, ceramic and flexible mold surfaces.

Product Features**Loctite Frekote 1711**

Versatile, general purpose product
Gloss finish
Stable to 260°C (500°F)
Releases virtually any molded polymer such as thermoset and thermoplastic resins, rubber compounds RTV silicone and a variety of specialty molding compounds.

Loctite Frekote LIFFT

No mold build up
Semi-gloss finish
Easy part clean-up
Developed specifically for polyurethane foams and cast elastomers.

Loctite Frekote EXITT

High gloss finish
EXITT produces a superior high gloss finish on molded parts. It is not recommended for use where parts are to be stained, painted or bonded.
No mold build-up
Precise retention of mold detail
Developed specifically for urethane elastomer systems and also releases urethane foams, organic rubber compounds and most specialty molding resins.

Mold Preparation

The mold surface must be clean for the silicone base release coatings to perform effectively. Frekote Polyester Mold Cleaner (PMC) or other suitable cleaning solvents can be used.

Light industrial abrasives can be used to remove heavy silicone build-up.

Application **Consult MSDS prior to use.**

1. Spray, wipe or brush on one or two light continuous coats.
2. Allow solvent to evaporate after each coat. Drying time is determined by the evaporation rate of the solvent used and the mold temperature. This will vary from virtually instantaneous evaporation to 60 seconds.
3. Begin molding.
4. Touch up with one coat as required.

Formulation Guide

Frekote silicone products are available in a variety of solvent carriers to meet your specific molding requirements. Individual MSDS's contain further information on the chemical and physical characteristics for the selected formulation.

- 1711 versions available are 1711 Aerosol and 1711 I.
- LIFFT versions available are LIFFT Aerosol and LIFFT I.
- EXITT versions available are EXITT Aerosol and EXITT I.

Aerosol - quick evaporation rate, no CFC's, convenient package I - Hydrocarbon solvent, quick evaporation rate, very economical

Flammability/Storage

These Frekote products contain flammable solvents. The product should always be used in well-ventilated areas. Store in a cool dry place. Consult MSDS for complete details.

Note

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