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Product Description Sheet

FREKOTE[®] Silicone Mold Release Agents

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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

Frekote 1711

Versatile, general purpose product

Gloss finish

Stable to 260°C (500°F)

Releases virtually any molded polymer including thermoset and thermoplastic resins, rubber compounds RTV silicone and a variety of specialty molding compounds.

Frekote LIFFT

No mold build up

Semi-gloss finish

Easy part clean up

Developed specifically for polyurethane foams and cast elastomers.

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. Also releases urethane foams, organic rubber compounds and most specialty molding resins.

Mold Preparation

The mold surface must be clean for these 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. The product chosen and the mold temperature determine dry time. 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, bulk packaging

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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