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Product Description Sheet

FREKOTE® 1450 Mold Release Agent

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Description

Loctite® Frekote® 1450 is a water-based solution, specifically formulated for use with resin/asbestos products. It has proven to be extremely effective at releasing asbestos/phenolic resin mixtures molded at 150°C to 165°C (302°F to 329°F). Dilution ratio of 10:1 to 20:1 make 1450 economical to use. Major success is in the manufacture of automotive disc brake linings.

Features

Non-flammable
Economical to use
Release asbestos products
Minimal build-up
Excellent wetting
Easy to clean molds

Physical Properties

Appearance	Light Amber
Odor	Slight Ammonia
Solvents	N/A - water
Specific Gravity	0.99 +/- 0.01

Mold Preparation

The mold surface must be clean and free of any release agent or other contaminants for Frekote 1450 to be completely effective. Remove any contaminants with Frekote PMC or another suitable cleaning solvent.

Application *Consult MSDS prior to use*

1. Frekote 1450 should be applied to mold surfaces by spraying.
2. Dilute Frekote 1450 with 3 to 4 parts water for initial sealing of mold. Apply this mixture to a preheated mold at a minimum of 60°C (140°F) by spraying one coat. The highly concentrated mixture serves to condition the mold.
3. Frekote 1450 can then be diluted with 10 to 20 parts water for actual production runs.
4. The release agent should be sprayed after each release. Difficult areas should be doubled coated.
5. A minimum amount of build-up may occur. Removal by a simple caustic wash or bath is adequate.

Note

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PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.
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