Product Description Sheet

LOCTITE® FREKOTE HMT2

Known as

FREKOTE® HMT-2 Mold Release Agent

March 2014

Description

Loctite® Frekote® HMT-2 is a hot mold touch up version of Frekote 55-NC and is formulated for use on molds with temperatures above 60°C (140°F). After one touch up coat, HMT-2 continues to offer the same multiple releases per application as experienced with the other Frekote products. For constant mold temperatures over 60°C (140°F), Frekote HMT-2 performs effectively on its own.

Features

Multiple Release
No contaminating transfer
No mold build up
Minimum reject rates
Low odor

Properties

Appearance	Clear Liquid
Odor	Aliphatic Hydrocarbon
Solvents	Aliphatic Hydrocarbon
Specific Gravity	0.770 +/- 0.015
Flash Point	32°C (90°F) Tag Closed Cup
Shelf Life	One year from date of manufacture
Special Cautions	Moisture sensitive, keep container tightly closed when not in use.
Thermal Stability	400ºC (750°F)
Application Temp	60ºC - 190ºC (140°F -375°F)

Mold Preparation

The mold surface must be clean and free of any non Frekote release agents or other contaminants for Frekote HMT-2 to be completely effective. Remove any contaminants with Frekote PMC, PMC Plus or suitable cleaning solvent. Light industrial abrasives can be used to remove heavy resin build up. No mold preparation is required when HMT-2 is used as a touch up coat over another Frekote Product.

Application *Consult MSDS prior to use.*

Frekote HMT-2 is intended as a touch up on mold surfaces above 60°C (140°F) and applied by spraying or brushing. For spraying use conventional equipment ensuring a dry air source or an airless spray system. Frekote HMT-2 dries very rapidly at elevated temperatures. Care should be taken to ensure complete coverage.

Touch-up

Spray or brush on one thin wet film coating over the entire mold surface or on the area that is experiencing difficult release.

Constant Use

1. If using Frekote HMT-2 as a releasing system on its own, apply a thin wet continuous film coating the entire mold. It is suggested that small areas be coated working progressively from one side of the mold to the other.

2. For the initial application 4 – 6 coats are recommended, allowing a few minutes between coats for solvent evaporation.

3. After the final coat, curing is completed through solvent evaporation and ready for production.

4. Maximum releases will be obtained as the mold surface becomes conditioned to Frekote HMT-2. Performance is enhanced by recoating once, after the first few initial moldings.

Flammability/Storage

Frekote HMT-2 contains flammable solvents. The product should always be used in well-ventilated areas. Store in a cool dry place. Consult MSDS for complete details.

Note

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

In case products are delivered by Henkel Corporation, Resin Technology Group, Inc., or Henkel Canada, Inc.the following disclaimer is applicable:

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may

cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

In case products are delivered by Henkel Belgium NV, Henkel Electronic Materials NV, Henkel Nederland BV, Henkel Technologies France SAS and Henkel France SA please additionally note the following:
In case Henkel would be nevertheless held liable, on whatever legal ground, Henkel's liability will in no event exceed the amount of the concerned delivery.

In case products are delivered by Henkel Colombiana, S.A.S. the following disclaimer is applicable:
The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Henkel is not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

Any liability in respect of the information in the Technical Data Sheet or any other written or oral recommendation(s) regarding the concerned product is excluded, except if otherwise explicitly agreed and except in relation to death or personal injury caused by our negligence and any liability under any applicable mandatory product liability law.

Trademark usage
Except as otherwise noted, all trademarks in this document are trademarks of Henkel Corporation in the U.S. and elsewhere. ® denotes a trademark registered in the U.S. Patent and Trademark Office.

This document was created and digitally signed by tdx.henkel.com at 2025-11-28T11:00:21.410Z