A DuPont Business

Tputty™ 403 Directions for Use

Application Note

Date: 4/19/2013

This application note provides general instructions for use for Tputty™ 403.

Shipping and Storage

Shelf Life: Shelf life for Tputty™ 403 is currently set at 2 years from shipment.

Storage Conditions: Recommended storage conditions are 0-35°C, with no special requirement on relative humidity when stored in original product packaging until ready for use. For cartridges, the direction to store the material is referred to the arrow from carton or sticker as in vertical tip-down dispense orientation). Tputty™ 403 is designed so it will not settle during shipping or storage and does not require mixing under normal storage conditions.

Preparation and Clean-up

Preparation for Use: Tputty™ 403 is a one part fully cured material and is ready to use out of the container. Make sure surfaces to be covered are clean and dry. Mixing or warming of Tputty™ 403 before use is not required however the flow rate may be lower than specified on the datasheet if dispensed at temperatures below 23°C.

Clean-up: Excess material can be cleaned up using a dry rag. Residual silicone oil can be removed using a clean rag and acetone solvent.

Exposure to solvents: Tputty™ 403 is a silicone material filled with thermally conductive fillers. Exposure to organic solvents and strong bases can result in swelling or removal of the silicone carrier material resulting in degradation or loss of performance. For specific chemical resistance consult Chemical Resistance Tables for silicone materials such as the one listed at the following URL:
https://www.engineeringtoolbox.com/silicone-chemical-resistance-d_1879.html

First Aid: Safe handling, disposal, and first aid measures are included in the SDS. Please read the SDS before using or handling this product. For further questions, please contact Laird.

Tputty™ 403 Dispensing

Tputty™ 403 can be dispensed with a variety of dispensing systems. The material is designed to be low abrasive to metal surfaces and will not corrode equipment. The following is a partial list of recommended equipment for low and high volume dispensing and typical results that can be expected.

Equipment List for Cartridge and Bulk Pail Dispensing

Low pressure manual dispensing

High pressure automatic dispensing