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Technical Data Sheet

Product 7400

(LOCTITE VARNISTOP[®])

Worldwide version, November 1994

PRODUCT DESCRIPTION

Loctite product 7400 is a solvent-based dark red marking ink for use on electronic equipment. The product dries quickly and has excellent adhesion to a range of materials. It is ideal for tamperproofing adjustment points or marking components to indicate they have been set or tested.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Pigmented organic polymer
Appearance	Red Liquid
Flash pt	-16°C (closed cup)
Shelf life	78 weeks at R.T

PROPERTIES OF CURED MATERIAL

Loctite coating 7400 dries by evaporation of solvent to leave a pigmented film of organic polymer. When fully dried, 7400 has excellent visibility and shows good adhesion to a wide range of polymers and metals.

Even when fully dried, 7400 will dissolve in solvents but the rate is slow. Removal of the cured film by mechanical action followed by wiping of the residues with butyl acetate or MEK is the most effective method of removal.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidising materials.

For safety handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Directions for use

Apply product 7400 to the surface. Thin films of product (100 micron) will dry in approx. 5 mins to tack free surface at room temperature. Thicker films will dry on the surface in approx. 5 mins but will require a longer time for through drying. Product 7400 will be completely dry in approx. 6 hours. Product can be removed by wiping with solvents e.g. MEK or butyl acetate while it is still liquid. Keep containers sealed when not in use to avoid solvent loss. Consult your local Loctite Technical Support Group for information on automatic application equipment, which is suitable for use with 7400.

Storage

Store the material in the original containers at room temperature. Keep away from sources of ignition. Do not return used material to the original containers. Some settling of the pigment will occur on storage. Thoroughly shake the container to redisperse the pigment prior to use. Allow the product to stand before use to eliminate air bubbles created by the pigment dispersion step.

Data Ranges

The data contained herein may be reported as a typical value and/or range (based on the mean value ± 2 standard deviations). Values are based on actual test data and are verified on a periodic basis.

Note

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, Loctite Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite 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 Loctite Corporation patents which 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.