



Product Data Sheet

Kem Vibra-TITE 150

Low Viscosity Wicking grade Threadlocker



Product Description

Kem Vibra-TITE 150 Wicking Adhesive and Sealant is a fast cure, low viscosity anaerobic compound which enables the material to seek voids in assembled components and cure anaerobically (absence of air) on close fitting metal parts.

Typical Applications

Kem Vibra-TITE 150 can be used as a post assembly application preventing loosening of metal threaded fasteners.

Usage Instructions

Ensure parts are clean, dry and free from oil and grease.

Ways of Application

Product is normally hand applied from the bottle directly onto threaded parts. For porosity or hairline cracks in casting products, brush directly onto the parts.

Compatible Primers

Primers such as Kem Vibra-TITE Excel 611 (Primer N) or Excel 612 (Primer T) can be used. The use of primers can result in lower strength and performance should be tested after full cure.

Technical Features

#	Parameter	Specifications
1	Resin	Dimethylacrylate
2	Color	Green
3	Fixture Speed w/Primer	Not Reco.
4	Fixture Speed w/o Primer	10 Min.
5	Viscosity,cps,	12
6	Gap Fill	0.004"
7	Shelf Life, Months @ 20°C	12
8	Operating Temperature, Max °C	50 - 150

Curing Schedule and Performance

Full Cure Time	24 Hrs. @ 15°C
Typical Breakaway Strength	20 – 100 lbs.in
Typical Prevailing Strength	200 – 350 lbs.in

Packing - 10 ml, 50 ml, 250 ml and 1 L Bottles

General Information

Storage

Product should be stored in a cool and dry location at temperatures between -10 °C to 30 °C. Optimal storage is 22±4°C. Shelf life is 18 months from date of manufacture when stored at 22±4°C.

Note

Kem Vibra-TITE 150 Wicking Adhesive and Sealant can also be used as a weld or porosity sealant which seeks out casting irregularities (hairline cracks). A unique capillary action allows the sealant to penetrate the smallest pores or cracks to provide a positive seal. The product is fluorescent under UV lamps for inspection purposes. Not recommended for use with most plastic fasteners. Product conforms to MIL-S-46163A , ASTM D-5363, NSF.

Health & Safety

IRRITANT: Contains Methacrylate Esters which may irritate eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of water.

NOTE TO USER

The information contained in this document while based on evidence and reliable methods can not be considered exhaustive. This information are current to the date of issuance of this data sheet.

The user, under its own responsibility, shall respect all the existing provisions on hygiene and safety and shall verify every time the features and the specific and appropriate way to use the product, cause the respect of the provisions is not under producer's direct control. The manufacturer does not guarantee nor assume any liability or responsibility for whatsoever harm that might result from a misuse of the product or for damages that have arisen after the product's distribution.

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