



## Kem Vibra-TITE® VC-3



### Threadmate

#### **Product Description**

Kem Vibra-Tite VC-3 is a powerful locking and sealing coating for threaded fasteners that works on the principle of “friction through viscosity.” It utilizes a blend of acrylic resins to prevent fasteners from loosening — even under extreme vibration. Designed for use on external and internal threads of virtually any material or finish, Vibra-Tite VC-3 dries to the touch within seconds of application and coated parts are ready for assembly in just a few minutes. Pre-cleaning of parts is not required except for wiping off any visible oil, grease, or dirt for optimal performance.

#### **Typical Applications**

From tiny eyeglass screws to huge construction bolts, Kem Vibra-Tite VC-3 is ideal for use on fasteners of any size. Kem Vibra-Tite VC-3 adheres to ferrous and non-ferrous metals, most platings, wood, and plastic screws.

#### **Instructions for Use**

Be sure material is well mixed before applying. Apply Kem Vibra-Tite VC-3, with standard coating length 1 to 1.5 times the diameter of the part and to achieve 30% to 50% thread fill. While Kem Vibra-Tite VC-3 dries to the touch within seconds, the part should be given at least 30 minutes to air dry before assembly, temperature not exceeding 54 DegC.

#### **Technical Features**

Resin:.....Acrylic Blend  
Color:.....Red, Clear  
Solvent.....Methyl Ethyl Ketone (MEK)  
Viscosity @ 25°C,  
Brookfield RVT,  
Spindle 3 @ 50 rpm.....150-300 cps  
Solids content.....34-44%  
Specific gravity.....0.88 G/CC

#### **Performance**

Reusability..... Up to 5 times  
Engagement torque.....Moderate  
Breakaway torque..... No distinct break;  
Slow release as material cold flows  
Operational temperature range : -54 to +74 DegC.  
Standard Coating length: 1 to 1 1/2 times diameter  
Reusable : 5 or more times

**This product is approved by TACOM\* for use on the U.S. Armys main battle tank**

\*US Army Tank-Automotive and Armaments Command Part#11663357

#### **General Information**

##### **Health & Safety**

Avoid breathing product vapors. Keep product away from all sources of ignition, heat or flame.

##### **Storage**

Keep container closed when not in use. Store material in a cool, dry place.

##### **Shelf Life**

Five years from date of manufacture.

##### **Packing**

Bottles - 30 ml

##### **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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