



## Kem Vibra-TITE 427

Medium Strength Anaerobic Thread Sealant



### Product Description

Kem Vibra-TITE 427 Medium Strength Threadsealant gives optimum resistance to solvents and refrigerants on pressure lines. Chemical resistance on threaded connections handling ammonia, fluorocarbons and halides is excellent.

### Typical Applications

Kem Vibra-TITE 427 Provides an instant seal between threaded fittings. Uncured sealant is miscible with hydraulic fluid and will not clog filter and other components in hydraulic systems.

### Usage Instructions

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

### Procedure for Application

Product is normally hand applied from the bottle directly onto threaded 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	Yellow
3	Fixture Speed w/Activator	< 10 min.
4	Fixture Speed w/o Activator	90 min.
5	Viscosity, cps,	420000
6	Gap Fill	N/A
7	Shelf Life, Months @ 20°C	12
8	Operating Temperature, Max°C	-50 to 150

### Curing Schedule and Performance

Full Cure Time	24 Hrs. @ 15°C
Pressure Resistance	10000 Psi

**Packing** – Tubes – 50 ml, 250 ml,

### 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

For optimal performance apply 427 Medium Strength Threadsealant to the 2nd and 3rd threads and not the leading thread.

#### Health & Safety

IRRITANT: Contains Methylacrylate 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.

### **Chembond Chemicals Limited (Industrial Adhesives Division)**

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