

Product Description

Kem Vibra-TITE 137 High Temp-High Strength Threadlocker is a red single component anaerobic threadlocker. 137 joins threaded parts exposed to operating temperatures up to 450°F. It offers excellent performance at temperatures more the 150° higher than other threaded locking products because of its enhanced chemistry.

Typical Applications

Applications include high temperature locking and sealing of studs, nuts, screws, bolts, and fittings. Parts are locked and sealed against leakage, contamination and corrosion. The higher viscosity is more suitable for large diameter, coarse threaded parts. It is recommended for parts that do not require routine maintenance as disassembly is difficult and may require heat.

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 (PrimerT) 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	Red
3	Fixture Speed w/Activator	< 5 min.
4	Fixture Speed w/o Activator	30 minutes
5	Viscosity, cps,	9500
6	Gap Fill	0.18mm
7	Shelf Life, Months @ 20°C	12
8	Operating Temperature, Max °C	-50 to 230

Curing Schedule and Performance

Full Cure Time	24 Hrs. @ 30±2 °C
Fixture time at ambient	5-60 minutes
Breakaway Torque, ISO 10964	170-290 Kgf.cm
Prevailing Torque, ISO 10964	57-170 Kgf.cm

Packing – 50 ml, 250 ml bottle.

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 12 months from date of manufacture when stored at 22±4°C.

Note

Kem Vibra-TITE 137 provides a lubricating ability during assembly and after curing results in medium to high locking strength. Not recommended for use with use with most plastics as stress cracking can occur. Excellent environmental and chemical resistance.

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)

EL-71, 'Chembond Centre', TTC Industrial Area, M.I.D.C. Mahape, Navi Mumbai – 400710
Ph – 022 – 3921 3000, Fax – 022- 2768 1294,

visit us at www.chembondindia.com www.chembondadhesives.com