VIBRA-TITE IS A REGISTERED TRADEMARK OF ND INDUSTRIES, INC.

Product Description

Vibra-Tite 566 is a high viscosity, general purpose, anaerobic retaining compound used for press-fit and tight-clearance, and slip-fit metal applications. The product performs on aluminum, steel, plated, stainless steel, and special alloy parts. Vibra-tite 566 exhibits good temperature and solvent resistant. Vibra-Tite566 can be used where lubricity is needed to press fit parts or to create an air-tight seal on cylindrical assemblies. This product cures rapidly on all metal surfaces.

Typical Applications

- Locks keys & splines
- Locks bearings in place preventing spin-out
- Bonds rotor to shaft in low horsepower motors
- Augments press fits
- Locks bushings & sleeves in housings & on shafts
- Restores the fit to worn assemblies or out-of-tolerance parts

Properties of Uncured Material

Chemical Type: Anaerobic
Appearance: Grey Paste
Toxicity: Low
Solids: 100%
Specific Gravity: 1.04

Performance of Cured Material

Typical Values
Full Cure Time: 24 hrs @ 72°F
Temperature Range: -60°F to 350°F (-51°C to 200 °C)

Shear Strength
Cold rolled steel: >2400 psi

Static shear strength was measured on cylindrical parts with a 0.002" diametrical clearance.

Instructions for Use

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

Compatible Primers

Primers such as Vibra-TITE Excel 611 (Primer N) or Excel 612 (Primer T) can be used to speed the fixture time of the adhesive. Fixture times can improve by as much as 50%. The use of primers can result in lower strength and performance should be tested after full cure.

Presentation

Bottles…..2ml, 10ml, 50ml, 250ml and liter

General Information

Storage

Product should be stored in a cool and dry location at temperatures between 14°F (-10°C) to 86°F (30°C). Shelf life is 2 years from date of manufacture when stored at 72±8°F (22±4°C).

Note

Vibra-TITE 566 is a high viscosity rapid curing paste which augments press fit and slip fit applications.

Health & Safety in use

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.