



# TECTORIUS® VIBRA-STOP™

Anti-Vibration Compound & Thread Locker

## DESCRIPTION:

Vibra-Stop is a powerful vibration-damping coating for use on fasteners and other assembly components. It prevents loosening and leaking of screws, nuts, bolts, and parts of all types. The product's unique resiliency allows for removal, readjustment and reinstallation of components.

Vibra-Stop is engineered to be cost-effective and **CFC-free**. The Grade 3 product is a non-ozone depleting formulation of methacrylic resins and copolymers that prevents fasteners from loosening, even under extreme vibration.

The formula is **non-anaerobic** and **non-reactive**. Unlike anaerobic adhesives, this product does not degrade plastics, seize parts in place or depend on a chemical reaction.

Vibra-Stop™ meets or exceeds the performance requirements of the following standards:

### MILITARY:

- Lockheed Martin: 11663357, CAGE # 18876, P5407, 507-13-410
- General Dynamics: 13233419
- Harris Corporation: DWG. P30-0013
- National Stock Number: 8030-00-163-5792
- Naval Sea Sys Comm: 5174855
- Raytheon: DWG. 998730
- US Army Missile Comm: MIS-28867A
- US Air Force: #19207
- US Army Tank Automotive Command GD: #11663357

### OEM:

- Allied Signal: PCS5618
- Atlanta Research: SP 10234
- Delphi: 00047127
- Detroit Diesel: 9S244
- Grumman Aerospace: GF105VP
- Leco Corporation: 764-709
- Meritor (Rockwell): 005-2308-010

## PRODUCT FEATURES:

- » **Exceptional Shelf Life:** Parts coated with Vibra-Stop can be stored indefinitely before use.
- » **Versatile:** Vibra-Stop can be used on components of all types, not only fasteners. Rivets, pins, shafts, collars, springs, knobs, terminals, etc. can benefit when coated with Vibra-Stop.
- » **Surface Insensitive:** Unlike most anaerobic adhesives, Vibra-Stop adheres to both ferrous and nonferrous metals and to most screw types including wood, plastic and plated.
- » **Provides a Reliable Lock & Seal:** Vibra-Stop holds parts in place under a wide range of conditions; even during extreme vibration.
- » **Multiple Reuse:** Parts coated with Vibra-Stop can easily be adjusted, removed, and reused without reapplication.
- » **Minimizes Galling/Stripping:** Vibra-Stop is a resilient insulation coating that helps reduce galling and thread damage.
- » **Low Cost:** Vibra-Stop is priced far less than anaerobic adhesives and competing products.





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## METHOD OF USE:

Apply Vibra-Stop liberally to threaded area to be engaged in assembly; allow to dry. Fastener can then be installed or stored indefinitely for later use. Vibra-Stop is usable on male and female threads, and even in non-threaded applications. When applied, Vibra-Stop dries within seconds leaving coated parts ready for assembly in just a few minutes. Part degreasing is not required prior to application.

## AVAILABLE GRADES:

Grade Number	Color	Solvent Base
Grade 1	Transparent Red	Ethyl Acetate
Grade 2	Transparent Blue	Ethyl Acetate
Grade 3 – Standard Shelf Grade	Transparent Red	M.E.K.
Grade 4	Transparent Blue	M.E.K.
Grade 5	Clear	Ethyl Acetate
Grade 6	Clear	M.E.K.
Grade 7 – Solid	Red	Customer-added. See MSDS.
Grade 8 – Solid	Clear	Customer-added. See MSDS.
Grade 9 – Heat Activated	Transparent Orange	M.E.K.
Grade 10 – Conductive	Bronze/Black	M.E.K.
Grade 11 – Aerosol*	Transparent Red	Multiple solvents. See MSDS.
Grade 12 – Toughened	Transparent Green	M.E.K.
Grade 15 – Non-conductive, dielectric	Royal Blue	Blend

\*Note: Grade 11 Aerosol is comparable to our standard shelf Grade 3 product, with added solvent . Shipping restrictions may apply.

## SPECIFICATIONS:

Breakaway Torque	No distinct hard break; slow, gradual release
Prevailing Torque	Continued and constant resistance to rotation
Cured Appearance	Resilient plastic
Shelf Life	Indefinite
Chemical Resistance	Resistant to many common fluids
Water/Weather Resistance	Impervious to tap and salt water
Corrosion Resistance	Resistant to acid/alkali: corrosion barrier
Operational Temperatures	-50°C to 75°C (~-60°F to 170°F)
Applicable Materials	All metals, wood, most plastics
Reusable	Yes

\*The information provided is based on technical data that Tectorius believes to be reliable. Since we cannot anticipate or control the various conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. Therefore, the product is sold without warranty expressed or implied.

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