

# THREAD BEAST™

## THREADLOCKER HIGH STRENGTH



- **HIGH STRENGTH**
- **FLEXIBLE**
- **THIXOTROPIC**

**ADHESIVE R&D®**'s anaerobic adhesives and sealants represent the latest generation in anaerobic chemistry. Anaerobic threadlockers remain liquid when they are exposed to the oxygen in air, but in the lack of air, (or anaerobic environment) these products quickly polymerize and fill the inner space between the surfaces. In a continuous quest to improve the performance of anaerobic adhesive's and sealants, **ADHESIVE R&D®** works with leading edge engineers to push the chemistry forward, to increase cure speeds and bond strengths, and to design products that are able to cure on contaminated or inert surfaces and yet remain stable without special handling.

**THREAD BEAST™** is a highly thixotropic, high strength, flexible thread locker. **THREAD BEAST™** is extremely strong, and seals the inner space creating a flexible plastic shim, which seals the joint, prevents corrosion, and ultimately protects the threads. It is also an excellent choice for high strength retaining applications where extreme durability is require.

### PHYSICAL PROPERTIES

<b>Composition</b>	Anaerobic Methacrylate
<b>Color</b>	Orange
<b>Fluorescence</b>	Under Blue Light
<b>Viscosity</b>	5,000-9,500 cps Thixotropic
<b>Specific Weight</b>	1.05
<b>Flash Point</b>	>100°F
<b>Solvent Content</b>	None
<b>Shelf Life @ 72°F</b>	2 years

### CURING PROPERTIES

<b>Handling Time</b>	Under 5 minutes
<b>Functional Cure Time</b>	15-30 minutes
<b>Full Cure</b>	2-3 hours
<b>Temperature Range</b>	200°F
<b>Locking Torque*</b>	Room temperature
<b>Breakaway</b>	400-500 inch lb's
<b>Prevailing</b>	400-500 inch lb's

\*Per ASTM D5363 Specification. 3/8-16 plain finish cap screws and nuts. Larger fasteners will increase surface area and breakaway torque.



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 **THREAD BEAST™**  
is manufactured  
in Eau Claire, WI