



- **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. Our proprietary monomer teamed with **RubberMAX™**, cross links durability, and flexibility, into every application. **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

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

CURING PROPERTIES

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