ADHESIVE®

# 62 RED™

## THREADLOCKER HIGH STRENGTH



**ADHESIVE R&D**®'s anaerobic adhesive's 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.

**62 RED**™ is a high strength thixotropic threadlocker for all types of metal fasteners. **62 RED**™ works by unitizing the fastener assembly, effectively sealing the thread path against fluid leaks and corrosion. The result is disassembly at a known unchanging torque, anytime in the future, regardless of the environment.

## PHYSICAL PROPERTIES

| | |
|---|---|
| **Compostition** | Anaerobic Methacrylates |
| **Color** | Red |
| **Fluorescence** | Under Blue Light |
| **Viscosity** | 1500 cps |
| **Specific Weight** | 1.05 |
| **Flash Point** | >100°F |
| **Solvent Content** | None |
| **Shelf Life @ 72°F** | 2 years |

## CURING PROPERTIES

| | |
|---|---|
| **Handling** | 5 minutes |
| **Functional Cure Time** | 1-2 hours |
| **Full Cure** | 8-10 hours |
| **Locking Torque*** | |
| **Breakaway** | 185 inch pounds |
| **Prevailing** | 400 inch pounds |
| **Temperature Range** | 150°C |

** Per ASTM D5363 Specification.*
*3/8-16 plain finish cap screws and nuts.*
*Larger fasteners will increase surface area and breakaway torque.*
*62 Red™ meets ASTM D5363 AN0331 and Mil-S-46163 TYPE II Grade O.*



**Rev 01/03**