

**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.

**71 RED™** is a high strength medium viscosity threadlocker. It provides excellent strength on a variety of different size fasteners, and has great resistance to surface contamination. Use **71 RED™** for all jobs requiring a fast setting permanent thread locker.

**PHYSICAL PROPERTIES**

Composition	Anaerobic Methacrylates
Color	Red
Fluorescence	Under Blue Light
Viscosity	450-550 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	200-300 inch lb’s
Prevailing	250-350 inch lb’s
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.  
71 Red™ meets ASTM D5363 AN0221 and Mil-S-46163 TYPE I Grade K.

*We believe the information contained herein is current and accurate as of this date of this Technical Data Sheet. Since the use of this information and these opinions and the conditions of use of this product are not under the control of ADHESIVE R&D®, Inc. or it’s agents or distributors, it is the user’s obligation to determine the conditions of safe use of this product. The buyer should conduct its own tests of this product before use to determine proper preparation technique and suitability for proposed application. ADHESIVE R&D®, Inc. warrants that the product conforms with ADHESIVE R&D®’s written specifications, and is free from defects and disclaims all other warranties, expressed or implied and is not responsible for loss claim of damages resulting from the use of it’s products.*