

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.

**09 GREEN™** is a very high strength anaerobic retainer for many types of metal fasteners. Use **09 GREEN™** on those job's requiring a reliable fast setting anaerobic retainer that allows for future disassembly of parts using hand tools and moderate effort. **09 GREEN™** works by unitizing the 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

Composition	Anaerobic Methacrylates
Color	Green
Fluorescence	Under Blue Light
Viscosity	150 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 inch pounds
Prevailing	300 inch pounds
Locking Shear	3-4000 PSI
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.  
09 Green™ meets ASTM D5363 AN0411 and Mil-S-46082 TYPE I.

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