

# ADHESIVE



## 09 Green™

### High Strength Retaining Grade

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.

**09 GREEN™** is a low viscosity / high strength retaining compound. **09 GREEN™** bonds bushings, bearings, and gears to shafts, creating a plastic shim which seals the joint, prevents corrosion, and ultimately protects the shaft. It is also an excellent choice for high strength thread locking on medium size fasteners where high breakaway torques are required.

\* Locking torque 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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### 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

Functional Cure Time 15-30 minutes  
Full Cure 24 hours  
Locking Torque\* room temp.  
Breakaway 300-350 inch lb's  
Prevailing 350-400 inch lb's  
Temperature Range 200°C