



22 PURPLE™

THREADLOCKER LOW STRENGTH

22 PURPLE™

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.

22 PURPLE™ is a thixotropic low strength threadlocker. It is ideal for use on small fasteners. Because it is thixotropic, **22 PURPLE™** will wet the surface of small threads and insure a complete seal of the thread path, while resisting run off prior to assembly. **22 PURPLE™** is designed to provide predictable lubricity which results in the same torque tension relationship achieved with as-received fasteners.

PHYSICAL PROPERTIES

Composition	Anaerobic Methacrylates
Color	Purple
Fluorescence	Under Blue Light
Viscosity	1200 cps Thixotropic
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	50-130 inch lb's
Prevailing	20-50 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.
22 Purple™ meets ASTM D5363 AN0311 and Mil-S-46163 TYPE II Grade M.

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