72 RED™

HIGH Temperature THREADLOCKER

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.

72 RED™ is a very high viscosity, thixotropic, high strength threadlocker. It has excellent high temperature resistance (up to 400F) and can be used on large fasteners, where a high break away torque is desired. Because it is high in viscosity, **72 RED™** will not run out of the joint before it cures and can be used in applications requiring good gap filling abilities.

Physical Properties

Composition Anaerobic Methacrylates

Color Red

Fluorescence Under Blue Light

Viscosity 6500-12,000 cps

Specific Weight 1.05

Flash Point >100°F

Solvent Content None

Shelf Life @ 72°F 2 years

Curing Properties

Handling 30 minutes

1hr_ 50% full cure strength

Functional Cure Time 2-4 hours

Full Cure 8-10 hours

Locking Torque*

Breakaway 300-400 inch lb's

Prevailing 400-430 inch lb's

Temperature Range 200°C

** 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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