

Super-Weld TL-71 Threadlocker

DESCRIPTION

Super-Weld TL71 Permanent Threadlocker/Sealant is a permanent red colored general purpose adhesive for permanent threaded assemblies. TL71 locks bolts and studs up to 1" in diameter, sealing against leakage and corrosion. It is chemical resistant, resisting fuels, lubricants and most Industrial liquids and gases.

APPLICATIONS

Super-Weld TL71 eliminates double nutting and or welding of critical assemblies. Using TL71 permits reduced casting thickness, and eliminates cracked castings due to interference fit stresses. The products viscosity allows usage on fine to medium threads on parts that will not require periodic disassembly.

USEFUL HINTS/NOTES

Using TL71 is easy, it is color coded red to assist in selection. Because of its chemical resistance it is ideal in applications such as a sealant for refrigeration plant, air conditioning, big plant and process equipment using corrosive chemicals. The application of heat may be required to assist in removal of parts.

PROPERTIES

Fast acting securing compound, giving retention strength and vibration proofing, typically 3000psi.

INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

PROCEDURE FOR APPLICATION

Product is normally hand applied from the bottle.

COMPATIBLE ACCELERATORS/PRIMER

Primers such as Primer T or Primer N can be used. However up to 30% strength loss can occur when using primers.

STORAGE

Store in a cool area out of direct sunlight. Shelf Life> 12 month @ 68°F

TECHNICAL FEATURES

Resin: Dimethacrylate
Color: Red
Cure Speed with Activator: <5 minutes
Cure Speed without Activator: ... 20 min @ 68°F
Viscosity (Thixotropic): 400-600cpsGap
Fill:007"
Flash Point: >212°F
Shelf Life: 12 months @ 68°F
Specific Gravity: 1.1 to 1.15
Max. Operating Temperature: ... -65°F to + 300°F
Military Grade (Mil-46163A) Type I Grade K

CURED PERFORMANCE

Full Cure Time: 24 hours @ 68°F
Typical Breakaway Strength 150-350 lbs"
Typical Prevailing Strength 200-350 lbs"

PRESENTATION

Bottles: 10ml, 50ml , 250ml & 1ltr

HEALTH & SAFETY IN USE

IRRITANT: Contains Methacrylate Esters. Irritates the eyes, the respiratory organs and the skin. In case of contact with the skin, wash immediately with plenty of water.

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TDS TL71

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