HERNON®
Formulating Solutions

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Dripstop® 927

Product Description

Hernon® Dripstop® 927 is a high-performance adhesive/sealant for tapered pipe threads, which does not contain PTFE. The product is a creamy paste-like anaerobic compound that cures when confined in the absence of air and between closing fitting metal surfaces. The high lubricating properties of this compound prevent galling on stainless steel, aluminum and other metal pipe fittings.

Typical Applications

Dripstop® 927 has been developed for sealing thread fittings in fossil fuel, solar and hydro power plant piping systems.

Typical Properties (Uncured)

Property	Value
Resin	Methacrylate ester
Appearance	White paste
Viscosity @ 25ºC, cP	300,000 to 600,000
Specific gravity	1.15
Flash point	See SDS

Typical Properties (Cured)

Property	Value
Temperature Range, ºC (ºF)	-55 to 204 (-65 to 400)

Typical Cured Performance

Cured for 24 hours at 22ºC.

Substrate	Strength, (in-lb)	
3/8 x 24 Grade 2 Steel Nuts and Bolts, ISO 10964	Breakaway torque:	40-100
	Prevailing torque:	20-95

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Where aqueous washing systems are used to clean the surfaces before bonding, it is important to check for compatibility of the washing solution with the adhesive. In some case, these aqueous washes can affect the cue and performance of the adhesive.

This product is not normally recommended for use on plastics (particularly thermoplastic materials where stress cracking of the plastic could result). It is recommended to confirm compatibility of the product with such substrates.

Directions for Use

Clean threaded parts with **Hernon® Cleaner 62** to remove excessive oil, and apply sealant to first three threads, (width of tube applicator) and wrench.

This will produce an instant seal for low-pressure applications. For high pressures allow 24-72 hours cure at room temperature. For accelerated cure apply Hernon primer to the threads prior to sealant application. Priming of the threaded parts will produce a sealing and mild locking action, which will stand high pressure in 30 minutes.

Storage

Dripstop® 927 should be stored in a cool, dry location in unopened containers at a temperature between 45ºF to 85ºF (7ºC to 29ºC) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused material, do not return any material to its original container.

Dispensing Equipment

Hernon® offers a complete line of semi and fully automated dispensing equipment. Contact **Hernon® Sales** for additional information.