

Technical Data Sheet

Dripstop[®] 950

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Product Description

Hernon[®] Dripstop[®] 950 is a pipe joint & thread sealant that is highly recommended where oxygen, aggressive chemicals, such as chlorine or powerful oxidizers, are present. It is a high-density inert thread sealant and lubricant, specially formulated for severe high-pressure applications.

This sealant is odorless, non-corrosive and hydrophobic. It is totally non-migrating and remains where it is applied. It is ideal for use in repetitive assembly and where disassembly is required, even after long periods of time. It can seal up to 10,000 psi on ¼" NPT threads.

Product Benefits

- Non Flammable
- Chemically Inert
- Non Toxic
- Stable to 450°F
- Will Not Burn
- Will Not Melt
- Non Migrating
- Lasts Indefinitely
- Excellent Anti-seize Properties
- High Dielectric Strength
- High Density
- Non Corrosive
- Odorless
- Lasts Indefinitely
- Has High Dielectric Strength
- Contains No Silicone or Hydrocarbons
- Low turning torque, easily sheared

Typical Applications

- Assembly lubricant
- Bearing lubricant
- Breathing apparatus
- Chlorine systems
- Cryogenics
- Diving gear
- Fluorination of plastic bottles
- Hospitals/oxygen and nitrous oxide systems
- Hydrogen peroxide and ozone systems
- Hyperbaric oxygen chambers
- Instruments
- Medical equipment
- Oil drilling/H₂S service
- Plasma etching equipment

- Pulp and paper processing (safe with all chemicals used in pulp bleaching)
- Steel furnace oxygen lances
- Tabletization of pool chemicals
- Thread sealants
- Waster-water processing (safe water-treatment chemicals used in chlorinators, pumps, valves)
- Welding
- Many other industrial uses

Typical Properties

Property	Value
Appearance	Light green
Viscosity @ 25°C, cP	960,000 to 1,155,000
Specific gravity	1.97
Flash point	See MSDS

Chemical Compatibility

Dripstop[®] 950 is compatible with many aggressive chemicals including:

- Aluminum chloride
- Aluminum nitrate
- Ammonium nitrate
- Ammonium perchlorate
- Ammonium trichloride
- Boron trichloride
- Boron trifluoride
- Bromine
- Bromine trifluoride (gas)
- Calcium hypochlorite
- Carbon dioxide
- Chlorinated cyanurates
- Chlorine
- Chlorine dioxide
- Chlorine trifluoride (gas)
- Chlorsilanes
- Chlorosulfonic acid
- Chromic acid
- Chromyl nitrate
- Ethylene oxide
- Fluorine (gaseous)
- Fuming nitric oxide
- Hydrogen
- Hydrogen bromide
- Hydrogen fluoride
- Hydrogen peroxide
- Hydrogen sulfide
- Hydroiodic acid
- Iodine
- Muriatic acid
- Nitrogen oxides (all)
- Nitrogen trifluoride
- Oleum
- Oxygen (liquid and gas)
- Ozone
- Phosphoric acid
- Phosphorous oxychloride
- Potassium perchlorate
- Potassium persulfate
- Propylene oxide
- Silane
- Silicone tetrachloride
- Sodium
- Sodium hydroxide
- Sodium hypochlorite
- Sodiumperchlorate
- Sulfur dioxide
- Sulfur hexafluoride
- Sulfur trioxide
- Sulfuric acid
- Thionyl chloride
- Titanium tetrachloride
- Uranium hexafluoride

General Information

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

Storage

Dripstop[®] 950 should be stored in a cool, dry location in unopened containers at a temperature between 46°F to 82°F (8°C to 28°C) 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.

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