



Climax Lubricants & Equipment Co.

CLIMAX SPEC SHEET~ POLYSEAL #6 LUBRICANT/SEALANT

DROPPING POINT.....	NON-DROPPING
BASE OIL.....	SYNTHETIC-POLYMERIZED HYDROCARBON DERIVATIVE
SHELF LIFE.....	INDEFINITE
OXIDATION STABILITY.....	GOOD
TEMPERATURE RANGE.....	32 DEG.F.TO +450 DEG.F.
PENETRATION.....	NLGI GRADE #3 (ASTM D-217 = 220-250)
THICKENER.....	METALLIC-SOAP
FILLER.....	HYDROUS SILICATE
COLOR.....	TAN
NON TOXIC-HAZARDOUS MATERIAL	
FLASH POINT ABOVE 400 DEG.F.	
NON FLAMMABLE	
Manufactured/Country of Origin – U.S.A.	

Initially Climax Polyseal #6 Valve Lubricant/Sealant was developed for High Temperature Steam & Water Service. This Lubricant is manufactured from a high molecular weight petroleum derivative(Hydrocarbon Polymer) and Exhibits excellent resistance, temperature stability and high metal adhesion in water solutions. Also recommended for air/gas dryer service and hot oils/gases.

Secondary uses for Climax Polyseal # 6 include Acids and Caustics – This materials enhanced sealing capability and petroleum derived base oil make it particularly useful in worn-scored-hard to seal valves that are in theses types of services. The Climax 400/400A is initially recommended for these types of services but is sometimes replaced by Polyseal # 6 due to these conditions.

Services include the following: Alcohols, Alkalies, Ammonia (Gas or Liquid), Amines, Calcium Solutions, Fats, Glycerine, Glycols, Soap, Water & Gas, Black Liquor & Evaporates, Blast Furnace Gas, Cane Sugar, Cement, Coal Sludge, Coke Oven Gas, Distilled Water, Fertilizer Solutions, Helium, Hydrogen, *Sulfuric Acid (Concentrate Only-95%), Nitric Acid, Potash Solutions, Pulp Lines, Sewage, Slurries, Wood Pulp, Aluminum Chloride/Hydroxide, Ethylene Oxide and Most Aqueous Chemical Solutions.

* Sulfuric Acid (Fuming Only-98%) use Climax FL-5.

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