



MATERIAL SAFETY DATA SHEET

NORDSTROM 950 SS SEALANT

FILE NO.: MSDS8018

MSDS DATE: 6/30/2005

SECTION 1	PRODUCT AND COMPANY IDENTIFICATION
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PRODUCT NAME: NORDSTROM 950 SUPER SOFT SEALANT

PRODUCT CODES: Super Soft Grade Only, All Sizes & Packaging

MANUFACTURER: Flowserve – Sulphur Springs Operation
ADDRESS: 1511 Jefferson St.
Sulphur Springs, TX 75482

EMERGENCY PHONE: (903) 885-3159
MSDS REQUESTS: (903) 885-3151
FAX: (903) 439-3313

PRODUCT USE: Valve Sealant and Lubricant

PREPARED BY: Michael Brazeal

SECTION 2	COMPOSITION / INFORMATION ON INGREDIENTS
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<u>INGREDIENT</u>	<u>% WT</u>	<u>CAS NUMBER</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Polyester Resin	75-85	Proprietary	NA	NA
Organophilic Clay	8-12	71011-24-0	15 mg/m ³ *	10 mg/m ³ *
Dibasic Esters Mixture	8-12	1119-40-0	NA	NA
		627-93-0	NA	NA
		106-65-0	NA	NA
Inhibitors	<1	Proprietary	NA	NA

* **NOTE:** All ingredients are encapsulated in a nonhazardous mixture. Injury from airborne dusts should not occur under normal conditions. Refer to OSHA/ACGIH Standard Nuisance Dust and OSHA/ACGIH Total Dust guidelines for more information.

SECTION 3	HAZARDS IDENTIFICATION
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POTENTIAL HEALTH EFFECTS

EYES: Contact may produce discomfort, pain, or irritation.

SKIN: Prolonged or repeated use may cause irritation or dermatitis.

INGESTION: May be irritating to the gastrointestinal tract.

INHALATION: May cause irritation of the respiratory tract including dizziness, nausea, or headaches.

CARCINOGENICITY: This product contains crystalline silica (less than 1% by weight) which has been determined by IARC to be a potential carcinogen. The organophilic clay used in this product is encapsulated in the mixture and cannot become airborne under normal usage conditions.

SECTION 4	FIRST AID MEASURES
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EYES: Flush eyes for 15 minutes with water. Contact a physician.

SKIN: Remove contaminated clothing and wash thoroughly with soap and water.

INGESTION: Drink a quart of water. Do not induce vomiting. Consult a physician immediately.

INHALATION: Remove to fresh air. Give oxygen if breathing is difficult. Contact physician.

SECTION 5	FIRE-FIGHTING MEASURES
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FLAMMABLE LIMITS 8 **UPPER**
IN AIR: 0.9 **LOWER**

FLASH POINT (COC): >212 °F
>100 °C

AUTOIGNITION
TEMPERATURE: ND

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY: 1** **REACTIVITY: 0**

EXTINGUISHING MEDIA: Dry chemical powder, carbon dioxide, chemical foam.

SPECIAL FIRE FIGHTING PROCEDURES: Wear a respirator in confined spaces when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor in confined spaces can be ignited by spark or flame.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon dioxide, carbon monoxide, and other asphyxiants.

SECTION 6	ACCIDENTAL RELEASE MEASURES
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ACCIDENTAL SPILLS: Recover free material. Add absorbent if applicable and dispose of in accordance with applicable local, state, and federal regulations.
Wash spill area with a detergent solution.

SECTION 7	HANDLING AND STORAGE
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HANDLING AND STORAGE: Store in sealed containers to avoid contamination with foreign material.

OTHER PRECAUTIONS: None known

SECTION 8	EXPOSURE CONTROLS / PERSONAL PROTECTION
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VENTILATION : Normal ventilation in accordance with good engineering practice.

RESPIRATORY PROTECTION: Not needed under normal usage conditions. No respirable dust expected.

EYE PROTECTION: Safety glasses recommended as standard practice.

SKIN PROTECTION: Use resistant gloves to minimize skin contact.

OTHER PROTECTIVE EQUIPMENT: None under normal usage conditions.

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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APPEARANCE:	Tan grease
ODOR:	Solvent odor
PHYSICAL STATE:	Semisolid / Solid
pH AS SUPPLIED:	Neutral / NA
BOILING POINT:	NA
MELTING POINT:	NA
VAPOR PRESSURE (mmHg):	0.2 mm Hg @ 20°C
VAPOR DENSITY (AIR = 1):	NA
SPECIFIC GRAVITY (H2O = 1):	1.06 @ 75 °F
EVAPORATION RATE:	<1
SOLUBILITY IN WATER:	Slight to none.
PERCENT SOLIDS BY WEIGHT:	8-12
PERCENT VOLATILE BY WT:	10
VOLATILE ORGANIC COMPOUNDS (VOC):	0.88 lbs/Gal

SECTION 10	STABILITY AND REACTIVITY
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STABILITY DATA:	Product is stable.
CONDITIONS TO AVOID (STABILITY):	None known
INCOMPATIBILITY (MATERIAL TO AVOID):	Avoid strong oxidizers, acids, and alkalies.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	Incomplete combustion may produce carbon dioxide, carbon monoxide, and other asphyxiants. Avoid fire.
HAZARDOUS POLYMERIZATION:	None known
CONDITIONS TO AVOID (POLYMERIZATION):	None known

SECTION 11	TOXICOLOGICAL INFORMATION
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TOXICOLOGICAL INFORMATION:	ND
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SECTION 12	ECOLOGICAL INFORMATION
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ECOLOGICAL INFORMATION:	ND
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SECTION 13	DISPOSAL CONSIDERATIONS
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WASTE DISPOSAL METHOD: Dispose of product in accordance with all local, state, and federal regulations as applicable.

RCRA HAZARD CLASS: Nonhazardous

SECTION 14	TRANSPORT INFORMATION
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U.S. DEPARTMENT OF TRANSPORTATION (DOT): Not regulated, nonhazardous product

SECTION 15	REGULATORY INFORMATION
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UNITED STATES FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are listed or excluded.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

OTHER REGULATIONS

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS): Not regulated

SECTION 16	OTHER INFORMATION
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DISCLAIMER: The information presented has been compiled from sources considered to be dependable and is accurate to the best of the seller's knowledge. All data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. It is the obligation of the user to evaluate and use this product safely and to comply with all applicable laws and regulations.

NA = Not Applicable
ND = Not Determined