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MATERIAL SAFETY DATA SHEET

BLUE SEAL PIPE JOINT SEALANT

FOR CHEMICAL EMERGENCY: Spill, Leak, Fire, Exposure, or Accident - Call INFOTRAC- Day or Night: **1-800-535-5053**

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD) **IMPORTANT:** Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers and users of this product.

PRODUCT IDENTIFICATION

DOT Shipping name:	Flammable liquids, n.o.s./3//UN 1993//II	Chemical Family:	Hydrocarbon
DOT Hazard Class:	3	CO. ID No.:	Blue Seal
CAS NO.:	Mixture	UN/NA#:	UN 1993
		Date of Issue	4/11

SECTION I - HAZARDOUS INGREDIENTS/EXPOSURE LIMITS

Hazardous Ingredients:	CAS #	TLV/PEL	AGENCY	TYPE	SARA-313(% Range)
Ethyl alcohol	64-17-5	500PPM	ACGIH	TWA	None

SECTION II - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Flush eyes with water for at least 15 minutes. **Seek medical attention.**

SKIN CONTACT: Remove contaminated shoes and clothing and cleanse affected areas thoroughly by washing with mild soap and water. If irritation persists **seek medical attention.**

INHALATION: (breathing) Immediately move person away from exposure and into fresh air. If respiratory symptoms or other symptoms of exposure develop, **seek immediate medical attention.**

INGESTION: (swallowing): This material is a potential aspiration hazard. If swallowed, seek medical attention. If person is drowsy or unconscious, place on the left side with head down. Do not give anything by mouth. Do not induce vomiting. **Seek immediate medical attention.**

SECTION III - HEALTH HAZARDS / ROUTES OF ENTRY

EYE CONTACT: One or more components of this material may be an eye irritant. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, redness, or swelling.

SKIN CONTACT: Continuous contact with this material may cause drying of skin. Chemical itself is an irritant or sensitizer.

SKIN ABSORPTION: Symptoms of toxicity are not anticipated by this route alone under normal condition of use. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION: (breathing): Dense vapor displaces breathing air in confined or unventilated areas. Inhaling concentrated vapors can cause drowsiness.

INGESTION: (swallowing): Short term overexposure may cause drunkenness, irritation of digestive tract and signs of nervous system depression, such as headache, drowsiness, dizziness, loss of coordination, fatigue, and nausea.

ASPIRATION HAZARD: Components of this material can enter the lungs during swallowing and cause lung inflammation and damage.

SECTION IV - SPECIAL PROTECTION INFORMATION

VENTILATION: If current ventilation practices are not adequate to maintain airborne concentrations below established exposure limits (see section I), additional ventilation or exhaust systems may be required.

RESPIRATORY PROTECTION: The use of respiratory protection is advised when concentrations exceed the established exposure limits (see Section I). Depending on the airborne concentration use a respirator or gas mask with appropriate cartridges or canisters (NIOSH approved) or supplied air.

PROTECTIVE GLOVES: The use of gloves impermeable to the specific material handled is advised to prevent possible irritation.

EYE PROTECTION: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended.

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: (materials to avoid) This product forms combustible and/or explosive mixtures with air and/or oxygen. This product is incompatible with oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur



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SECTION VI - SPILL OR LEAK PROCEDURES

PRECAUTIONS IN CASE OF LEAK OR SPILL: Keep all sources of ignition and hot metal surfaces away from spill/release. Stay upwind and away from spill/release. Isolate hazard area and limit entry to emergency crew only. Stop spill/release if it can be done without risk. Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Prevent spilled material from entering sewers, storm drains, and natural waterways. Dike far ahead of spill for later recovery and disposal. Spilled material may be absorbed by an appropriate absorbent. Notify fire authorities and appropriate federal, state, and local agencies. If spill/release is excess of EPA reportable quantity, immediately notify the **National Response Center**. Phone **800-424-8802**
WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state, and federal regulations.

SECTION VII - STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS: Do not get in eyes, skin or clothing. Do not breathe vapor mist or gas. Keep containers tightly closed, cool, dry, and away from all sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. Use good personal hygiene practices. Bond and ground equipment when transferring to another container. "Empty" containers contain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury and death. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION VIII - FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA: Extinguish with dry chemical, CO₂, or a universal type foam.
FIRE AND EXPLOSION HAZARD: May decompose during contact with flames, heating elements, or in combustion engines releasing irritating gases. Container may explode if heated due to resulting pressure rise.
FIRE FIGHTING PROCEDURES: Wear appropriate protective equipment including respiratory protection as conditions warrant (see Section IV). Stop spill/release if it can be done without risk. Water spray may be useful in minimizing or dispersing vapors and cooling equipment exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION IX - PHYSICAL DATA

APPROXIMATE BOILING POINT (DEG F): >180	PER CENT VOLATILE: 23
SPECIFIC GRAVITY (68 F): 1.120	FLASH POINT (TCC, DEG F): 58 (solvent)
RELATIVE EVAPORATION RATE (ESTIMATED): 1.9	PER CENT SOLUBILITY IN WATER (ESTIMATED): nil
VAPOR PRESSURE @20C: 8.8	

SECTION X - OTHER REGULATORY DATA

<u>SARA</u>	<u>HMIS</u>
<i>SECTION 302:</i> NONE	Health: 1
<i>SECTION 311 & 312:</i> FIRE	Flammability: 3
<i>SECTION 313:</i> See Section I.I	Reactivity: 0
<u>TSCA</u>	<u>CALIFORNIA PROPOSITION 65</u>
All components are in full compliance with the TSCA inventory.	NOT LISTED
<u>RCRA</u>	<u>CERCLA</u>
Waste material would be a D001	NOT LISTED

CARCINOGENICITY:
 NOT LISTED with NTP or IARC.

NOTICE

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