



GHS SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Manufacturer: UTILITY Enterprises, Inc. 700 Main Street Westbury, NY 11590	For any Transportation or Medical Chemical Emergencies call: <p style="text-align: center;">INFOTRAC (800) 535-5053</p> <p style="text-align: center;">24 hours per day - 7 days a week</p>
Product Name: JOINT SEAL #6	Recommended Use: gasketing cement / threaded or flanged joint sealant

SECTION 2 – HAZARD(S) IDENTIFICATION

<p>Labels</p> <p style="text-align: center;">Irritant</p>	<p style="text-align: center;">NFPA</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material </td> <td style="width: 50%; vertical-align: top;"> FIRE HAZARD Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn </td> </tr> </table> <div style="text-align: center;"> </div> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER Radioactive </td> <td style="width: 50%; vertical-align: top;"> REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable </td> </tr> </table>	HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material	FIRE HAZARD Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn	SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER Radioactive	REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable	<p style="text-align: center;">GHS Classification</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Health</p> Acute Toxicity: Not Established Skin Irritation: Cat. 3 Eye Irritation: Cat. 2B Skin Sensitization: NO </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Environmental</p> Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <p style="text-align: center;">Physical</p> None </td> </tr> </table>	<p style="text-align: center;">Health</p> Acute Toxicity: Not Established Skin Irritation: Cat. 3 Eye Irritation: Cat. 2B Skin Sensitization: NO	<p style="text-align: center;">Environmental</p> Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established	<p style="text-align: center;">Physical</p> None	
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<p style="text-align: center;">Hazardous Statements</p> H303: May be harmful if swallowed. H313: May be harmful in contact with skin. H335 + H336: May cause respiratory irritation and drowsiness or dizziness.		<p style="text-align: center;">Precautionary Statements</p> P102: Keep out of reach of children P233: Keep container tightly closed P262: Do not get in eyes, on skin or on clothing P271: Use only outdoors or in well-ventilated area								

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemicals	CAS#	EINECS#	REACH	Approx %
VINSOL RESIN	8050-09-07	N/A	N/A	30-40%
GRAPHITE	7782-42-5	N/A	N/A	10-20%
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	64742-94-5	N/A	N/A	10-20%
MICA	12001-26-2	N/A	N/A	10-20%
FATTY ACIDS, TALLOW, METHYL ESTERS, CHLORINATED	68440-29-9	N/A	N/A	0-10%
CALCIUM CARBONATE	1317-65-3	N/A	N/A	0-10%
2-BUTOXYETHANOL	111-76-2	N/A	N/A	0-10%

SECTION 4 – FIRST-AID MEASURES

<p>Inhalation: Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician.</p> <p>Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.</p> <p>Eyes: Flush with water for 15 minutes. If irritation persists, get medical attention.</p> <p>Ingestion: Give 1 or 2 glasses of water. DO NOT INDUCE VOMITING. Contact physician immediately.</p>

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SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Combustible-Moderate flash point. Vapors heavier than air and may travel along the ground or to low spots at considerable distances to a source of ignition resulting in potential flashback. Burning liquid may float on water. Heat may build up pressure and rupture containers.

Combustion Products: None known.

Extinguishing Media: Carbon Dioxide Gas, Dry Chemical Powder, and Water.

Unsuitable Extinguishing Media: None known.

Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.

Special Fire Fighting Procedures: As appropriate for combustibles in area.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: None.

Protective Equipment: None.

Emergency Procedures: None.

Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.

Methods for Cleaning Up: Soak up spill with an inert absorbent such as sand, earth or other noncombusting material. Transfer absorbent material to a covered, labeled, metal container. Do not use plastic or aluminum containers.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all product precautions. Do not reuse empty containers.

Storage

Keep container closed and upright when not in use. Do not store near heat, sparks, or open flames.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Substance name	CAS-No.	Value type (Form of Exposure)	Control parameters / Permissible concentration	Basis
2-butoxyethanol	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m3	NIOSH REL
		TWA	50 ppm 240 mg/m3	OSHA Z-1
		TWA	25 ppm 120 mg/m3	OSHA P0

Substance Name	Form	Limit / Standard	NOTE	Source
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC		TWA 400 mg/m3 100 ppm	N/A	OSHA Z1
SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC	Vapor.	RCP - TWA 8 ppm 50 mg/m3	Total Hydrocarbons	ExxonMobil

Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.

Ventilation: Local ventilation is adequate.

Personal Protective Equipment – Respiratory: Avoid breathing of fumes. If used in a confined area, a respirator may be necessary.

Personal Protective Equipment – Skin: Protective Gloves.

Personal Protective Equipment – Eyes: Protective Goggles.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Black Paste	:	>62°C	Vapor Pressure: 0.88mm Hg @25°C
Odor: Mild	Specific Gravity: 1.41		
pH: Not Established	Solubility (H2O): Slight		Flammability Limits: LEL - 1.1% UEL - 10.6%
Melting Point: Not Established	Evaporation Rate: 0.6 (BUAC=1)		
Freezing Point: Not Established	Vapor Density: >1.00 (AIR=1)		
Boiling Point: 180°F	VOC: 190 g/l		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: Heat, sparks, open flames and strong oxidizing.

Incompatible materials: Liquid Oxygen Systems, Liquid Sodium, Gaseous Fluorine, Strong Oxidizers.

Hazardous decomposition products: None.

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SECTION 11 – TOXICOLOGICAL INFORMATION

2-BUTOXYETHANOL

Acute oral toxicity : LD50 Oral (Rat): 1,300 mg/kg

Acute inhalation toxicity : LC50 (Rat): > 4.9 mg/l
Exposure time: 3 h Test
atmosphere: vapor

SOLVENT NAPHTHA (PETROLEUM), HEAVY AROMATIC

Inhalation	
Acute Toxicity: (Rat) 4 hour(s) LC50 > 4688 mg/m3 (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Elevated temperatures or mechanical action may form vapors, mist, or fumes which may be irritating to the eyes, nose, throat, or lungs.
Ingestion	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

Bioaccumulative Potential: None known.

Mobility in soil: None known.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.) : Not Regulated.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: Irritant.

Risk Phrases: R36/38-Irritant to eyes and skin.

Safety Phrases: S2-Keep out of reach of children. S3-Keep in a cool place. S7-Keep container tightly closed when not in use. S24/25-Avoid contact with skin and eyes. S29-Do not empty into drains, storm drains or watercourses. S35-Dispose of material and container in a safe way.

S37/39-Wear suitable gloves and eye protection. S51-Use in well ventilated area.

SECTION 16 – OTHER INFORMATION

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. UTILITY urges the customers receiving this Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheets. The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, UTILITY cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.

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