

## MATERIAL SAFETY DATA SHEET



**CONSEAL™**  
Concrete Sealants INC.

**CS-50**  
Liquid Butyl Primer

### COMPOSITION/ INFORMATION ON INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NO.</u>	<u>% COMPOSITION</u>	<u>OSHA PEL</u>	<u>AGGIH TLV</u>
VM & P Naptha	64742-89-8	50 - 60	300 ppm	300 ppm
Toluene	108-88-3	< 0.5	100 ppm	100 ppm
Xylene	1330-20-7	6 - 7	100 ppm	100 ppm
Ethyl Benzene	100-41-4	10 - 15	100 ppm	100 ppm
Hydrocarbon Resin	62258-49-5	7 - 10	NE	NE
Butyl Rubber	9010-85-9	6 - 7.5	NE	NE

### HAZARDS IDENTIFICATION

#### **POTENTIAL HEALTH EFFECTS**

**EYE CONTACT:** Can cause severe eye irritation, redness, tearing and blurred vision.

**SKIN CONTACT:** Prolonged an repeated contact can cause moderate irritation, defatting and dermatitis.

**INHALATION:** Excessive inhalation of vapors can cause nausea, respiratory irritation, central nervous system effects, including dizziness, weakness, fatigue, nausea, headache, and possible unconsciousness and even death.

**INGESTION:** Swallowing can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumitis, which is fatal.

**CHRONIC EFFECTS:** Overexposure in laboratory animals has been found to cause the following effects: Liver abnormalities, Kidney damage, Lung damage, and Spleen damage. Overexposure of this material has been suggested as a cause of Liver abnormalities in humans.

### FIRST AID MEASURES

**EYES:** Flush eyes with large amounts of water, lifting both the upper and lower lids. SEEK MEDICAL ATTENTION IMMEDIATELY.

**SKIN:** Wash exposed area with waterless hand cleaner, soap and water, or a mild detergent. Do not use solvents on skin as they promote absorption of this material. Remove contaminated clothing. Launder contaminated clothing thoroughly before reuse. The area should be examined by a medical person if irritation or pain persists after washing.

**INHALATION:** Remove from exposed area to fresh air immediately. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and SEEK MEDICAL ATTENTION IMMEDIATELY.

**INGESTION:** Do not induce vomiting. Keep warm, quiet, and SEEK MEDICAL ATTENTION IMMEDIATELY. Aspiration of this material into lungs due to vomiting can cause chemical pneumitis, which can be fatal. Give oxygen if respiratory is shallow.

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### FIRE FIGHTING MEASURES

**FLASH POINT:** 36 °F

**METHOD USED:** TCC

**FLAMMABLE LIMITS IN AIR, % BY VOLUME: UEL UPPER:** 7.1

**LEL LOWER:** 1.0

**FLAMMABILITY CLASSIFICATION:** OSHA: 1B

DOT: Flammable Liquid

**Extinguishing Media:** Dry chemical, carbon dioxide, foam

**Unusual Fire and Explosion Hazards:** This product is flammable. Store away from sources of heat and open flames. Vapor accumulation will flash or explode if ignited by spark or flame. Do not mix with strong oxidants. Use non-sparking tools in confined spaces.

**Special Fire fighting Procedures:** DO NOT USE WATER, which may spread fire. Water may be used to cool exposed containers to prevent pressure build up. Respiratory protection is required for fire fighting personal.

**DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:** fumes, smoke, carbon monoxide, carbon dioxide, hydrocarbon vapors, hydrogen chloride, phosgene, chlorine, and various complex hydrocarbons during combustion.

### ACCIDENTAL RELEASE MEASURES

**Procedures:** Eliminate all ignition sources such as flames, flares, including pilot lights and electrical sparks. Persons not wearing protective equipment should be excluded from the area of spill until clean up has been completed. Stop spill at source, dike area of spill to prevent spreading. Pump liquids into salvage tank. Remaining material should be taken up using sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

**Waste Disposal:** Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to hazardous information listed on this sheet.

### STORAGE AND HANDLING

Precautions to be taken in handling and storage. Keep away from heat, sparks, and open flames. Keep containers closed when not in use. Use adequate ventilation. Avoid prolonged or repeated inhalation of vapor and skin contact. Store in accordance with NFPA, State and local regulation. Use non-sparking type tools in confined areas.

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### EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Respiratory Protection:** Avoid breathing of vapor or spray mist. Use a NIOSH/OSHA approved respirator as required to prevent overexposure. In accordance with 29 CFR 1910.134, use either atmosphere supplied respiratory or an air purifying respirator for organic vapors.

**Eye Protection:** Safety goggles or glasses with side shields.

**Protective Gloves/ Clothing:** Wear chemical gloves or other protective clothing as required to minimize skin contact.

**Ventilation:** Provide local exhaust ventilation in volume and pattern to keep TLV of all hazardous ingredients below acceptable limit. (Use of explosion-proof ventilation as requires to control vapor concentrations.)

### PHYSICAL AND CHEMICAL PROPERTIES

**SPECIFIC GRAVITY (H<sub>2</sub>O=1) :** 0.80

**VOLATILE (% VOLUME) :** 88.00 %

**SOLUBILITY IN WATER :** Nil

**EVAPORATION RATE (BuAc=1) :** >1

**PERCENT VOLATILE BY VOLUME(%) :** 77.3

**APPEARANCE / ODOR :** Black liquid with petroleum solvent odor.

**BOILING POINT :** 200 -216 °F

**MELT / FREEZE PT. :** N/A

**VAPOR DENSITY (Air = 1):** <1

**VAPOR PRESURE (mm of Mercury):** 23 @ 25 °C

### STABILITY AND REACTIVITY

**STABILITY:** Stable. Hazardous polymerization will not occur.

**CONDICTIONS TO AVOID:** Stored away from heat and open flames.

**MATERIALS TO AVOID:** Material is not compatible with strong oxidizers, strong acids, or bases.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Hazardous decomposition produce fumes, smoke, carbon monoxide, carbon dioxide, hydrocarbon vapors, hydrogen chloride, phosgene, chlorine, and various complex hydrocarbons during combustion.

### TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

### ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

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**DISPOSAL CONSIDERSTIONS**

Please refer to Sections 5, 6, and 15 for disposal and regulatory information.

**TRANSPORT INFORMATION DEPARTMENT OF TRANSPORTATION (DOT)**

DOT Shipping Description: FLAMMABLE LIQUID, CLASS 3, UN1133, GROUP II

**REGULATORY INFORMATION**

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to Know Act of 1986 and of 40 CFR 372.

<u>CAS #</u>	<u>Chemical Name</u>	<u>% by Weight</u>
108-88-3	Toluene	<0.5
1330-20-7	Xylene	6 - 7
100-41-4	Ethyl Benzene	10 - 15

This information must be included in all MSDS that are copied and distributed for this material.

**OTHER INFORMATION**

**HAZARD RATING SYSTEM:**

Hazardous Materials Identification System (HMIS)

	H.M.I.S	KEY
HEALTH	2	4 = Severe
FIRE	3	3 = Serious
REACTIVITY	0	2 = Moderate
		1 = Slight
		0 = Minimal

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