

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** RepairBoss® Emergency Sealer

**Product Code:** F0251-24400

### Intended Use of the Product

Adhesive, Sealant, or Coating. For professional use only.

### Name, Address, and Telephone of the Responsible Party

#### **Manufacturer**

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

www.bitec.com

### Emergency Telephone Number

**Emergency Number:** 1-800-535-8597

## SECTION 2: HAZARDS IDENTIFICATION

### Classification (GHS-US)

Flam. Liq. 3	H226
Eye Irrit. 2A	H319
Skin Sens. 1	H317
Muta. 1B	H340
Carc. 1B	H350
STOT SE 3	H336
Asp. Tox. 1	H304

### Label Elements

#### **GHS-US Labeling**

#### **Hazard Pictograms (GHS-US)**



#### **Signal Word (GHS-US)**

: Danger

#### **Hazard Statements (GHS-US)**

: H319: Causes serious eye irritation

H317: May cause an allergic skin reaction

H373: Causes damage to organs through prolonged or repeated exposure H361F: Suspected of damaging fertility or the unborn child

H413: May cause long lasting harmful effects to aquatic life.

#### **Precautionary Statements (GHS-US)**

: P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P280: Wear protective gloves/protective clothing/eye protection/face protection

P261: Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P271: Use only outdoors or in a well-ventilated area. P201: Obtain special instructions before use.

### Other Hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

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**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Name	Product Identifier	% (w/w)
Liquid Silicone Polymer	(CAS No) 70131-67-8	40-50
Limestone	(CAS No) 1317-65-3	25-35
Polydimethylsiloxane	(CAS No) 63148-62-9	5 – 15
2-Butanone, O, O, O- (Methisilylidyne)	(CAS No) 22984-54-9	1-10
Trioxime Titanium Dioxide	(CAS No) 13463-67-7	1 – 10
Octamethylcyclotetrasiloxane	(CAS No) 556-67-2	1-10
Silicon Dioxide	(CAS No) 112945-52-5	1-10

Composition comments Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First Aid Measures

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention.

**SKIN CONTACT:** Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before re-use.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or SDS with the victim to the health professional.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin, respiratory or eye problems may be aggravated by exposure to this product.

## SECTION 5: FIRE-FIGHTING MEASURES

**FLASH POINT:** >200°F (>92.2°C)

**AUTOIGNITION TEMPERATURE:** Not Established

**FLAMMABLE LIMITS (in air by volume, %):** Lower (LEL): Not Established Upper (UEL): Not Established

**FIRE EXTINGUISHING MATERIALS:** Carbon dioxide, foam, dry chemical, halon, water spray.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This material is flammable above flash point shown above.

**Explosion Sensitivity to Mechanical Impact:** Not Sensitive.

**Explosion Sensitivity to Static Discharge:** Not Sensitive.

**SPECIAL FIRE-FIGHTING PROCEDURES:** Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** Personnel should be trained for spill response operations.

**SPILLS:** Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with a non combustible absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

## SECTION 7: HANDLING AND STORAGE

**WORK PRACTICES AND HYGIENE PRACTICES:** As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists

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generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

**STORAGE AND HANDLING PRACTICES:** Keep container tightly closed and in a dry and cool place.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

Name	Product Identifier	ACGIH TWA	OSHA TWA WEEL
Liquid Silicone Polymer	(CAS No) 70131-67-8	Not Listed	Not Listed
Limestone	(CAS No) 1317-65-3	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Polydimethylsiloxane	(CAS No) 63148-62-9	Not Listed	Not Listed
2-Butanone, O, O, O- (Methisilylidyne)	(CAS No) 22984-54-9	Not Listed	Not Listed
Trioxime Titanium Dioxide	(CAS No) 13463-67-7	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Octamethylcyclotetrasiloxane	(CAS No) 556-67-2	Not Listed	Not Listed
Silicon Dioxide	(CAS No) 112945-52-5	6 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**Appropriate engineering controls** : Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used.

*The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.*

**Hand protection** : Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

**Eye protection** : Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

**Skin and body protection** : Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

**Respiratory protection** : Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

**Physical State** : Liquid

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<b>Odor</b>	:	Not available
<b>Odor Threshold</b>	:	Not available
<b>pH</b>	:	Not available
<b>Evaporation Rate</b>	:	(nBuAc = 1) : <1
<b>Melting Point</b>	:	Not available
<b>Freezing Point</b>	:	Not available
<b>Boiling Point</b>	:	Not available
<b>Flash Point</b>	:	Not available
<b>Auto-ignition Temperature</b>	:	Not available
<b>Decomposition Temperature</b>	:	Not available
<b>Flammability (solid, gas)</b>	:	Not available
<b>Lower Flammable Limit</b>	:	Not available
<b>Upper Flammable Limit</b>	:	Not available
<b>Vapor Pressure</b>	:	Not available
<b>Relative Vapor Density at 20 °C</b>	:	Not available
<b>Relative Density</b>	:	Not available
<b>Solubility</b>	:	Not available
<b>Partition Coefficient: N-octanol/water</b>	:	Not available
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	:	Not expected to present an explosion hazard due to mechanical impact.
<b>Explosion Data – Sensitivity to Static Discharge</b>	:	Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** Product is stable

**DECOMPOSITION PRODUCTS:** When heated to decomposition this product produces carbon monoxide, carbon dioxide

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Acids, oxidizing agents, isocyanates

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Avoid moisture. Avoid direct sunlight. Avoid excessive temperatures.

## SECTION 11: TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** Toxicity data is not available for this product:

**Silicon Dioxide:**

Oral LD50 rat (male/female): 3,160 mg/kg

Inhalation TClO rat (male/female): 50 mg/m<sup>3</sup> (Carcinogenic effects)

**SUSPECTED CANCER AGENT:** One or more of the ingredients are found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are considered to be, or suspected to be a cancer-causing agent by these agencies.

**IRRITANCY OF PRODUCT:** Contact with this product can be irritating to exposed skin, respiratory system, and eyes.

**SENSITIZATION OF PRODUCT:** This product is considered a skin and respiratory sensitizer.

**SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:** Respiratory System

**SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:** None known

**ASPIRATION HAZARD:** None

## SECTION 12: ECOLOGICAL INFORMATION

**ENVIRONMENTAL STABILITY:** No specific data is available for this product, however this product is not expected to be readily biodegradable

**EFFECT OF MATERIAL ON PLANTS or ANIMALS:** No specific data is currently available on this product's effects on plants or animals.

**EFFECT OF CHEMICAL ON AQUATIC LIFE:** No specific data is currently available on this product's effects on aquatic life, however release of this product is expected to cause long term adverse effects on the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international

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regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

### In Accordance with DOT

Proper Shipping Name : None  
Hazard Class : None  
Identification Number : None  
Packing Group : None

### In Accordance with IMDG

Proper Shipping Name : None  
Hazard Class : None  
Identification Number : None  
Packing Group : None

### In Accordance with IATA

Proper Shipping Name : None  
Hazard Class : None  
Identification Number : None  
Packing Group : None

### In Accordance with TDG

Proper Shipping Name : None  
Hazard Class : None  
Identification Number : None  
Packing Group : None

## SECTION 15: REGULATORY INFORMATION

### UNITED STATES REGULATIONS

**SARA REPORTING REQUIREMENTS:** This product is subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows:

#### **SARA 313 REPORTING:**

**TSCA:** All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

**SARA 311/312:** Acute Health: Yes Chronic Health: No Fire: No Reactivity: No

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None known

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** None of the ingredients are on the California Proposition 65 lists above the threshold levels.

### CANADIAN REGULATIONS:

**CANADIAN DSL/NDL INVENTORY STATUS:** All of the components of this product are on the DSL Inventory

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Complies with WHMIS 2015

### EUROPEAN ECONOMIC COMMUNITY INFORMATION:

**EU LABELING AND CLASSIFICATION:** Classification of the mixture according to Regulation (EC) No1272/2008. See section 2 for details.

### AUSTRALIAN INFORMATION FOR PRODUCT: AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

(AICS) STATUS: All components of this product are listed or exempt from listing on the AICS. **STANDARD FOR THE UNIFORM**

**SCHEDULING OF DRUGS AND POISONS:** Not applicable. **JAPANESE INFORMATION FOR PRODUCT:**

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**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

**INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the components on individual country Chemical Inventories is as follows: Asia-Pac: Listed  
Australian Inventory of Chemical Substances (AICS): Listed Korean Existing Chemicals List (ECL): Listed  
Japanese Existing National Inventory of Chemical Substances (ENCS): Listed Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed Swiss Giftliste List of Toxic Substances: Listed  
U.S. TSCA: Listed

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision date** : 01/19/2026

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**Party Responsible for the Preparation of This Document**

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*This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.*

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