

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: RepairBoss® All Roof Mastic

Product Code: 25000

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

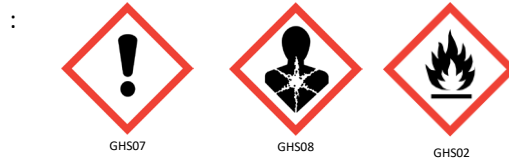
Classification (GHS-US)

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)

: H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer

Precautionary Statements (GHS-US) : P201 - Obtain special instructions before use

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P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge P261 - Avoid breathing fume, vapours
P264 - Wash clothing, hands, forearms and face thoroughly after handling P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing must not be allowed out of the workplace P280 - Wear eye protection, face protection, protective gloves, protective clothing P301+P310 - IF SWALLOWED: Immediately call a poison center
P302+P352 - If on skin: Wash with plenty of soap and water
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308+P313 - If exposed or concerned: Get medical advice/attention P312 - Call a doctor if you feel unwell
P321 - Specific treatment (see first aid instructions on this label)
P331 - Do NOT induce vomiting
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse
P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry sand, foam to extinguish
P403+P233 - Store in a well-ventilated place. Keep container tightly closed P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

Other Hazards

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

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% (w/w)
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8	15 - 30
Solvent naphtha, petroleum, light aromatic	(CAS No) 64742-95-6	15 - 25
Titanium dioxide	(CAS No) 13463-67-7	5 - 10
Benzene, 1,2,4-trimethyl-	(CAS No) 95-63-6	6 - 9
Nonane	(CAS No) 111-84-2	1 - 2
Ceramic microspheres	(CAS No) 66402-68-4	5 -10
Isobutyl alcohol	(CAS No) 78-83-1	0.1 - .3
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS No) 41556-26-7	0.1 - .4

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Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	(CAS No) 82919-37-7	0.1 - .2
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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

- First-aid measures general : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.
- First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
- First-aid measures after skin contact : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. Get medical attention immediately.
- First-aid measures after eye contact : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Get medical attention immediately. Continue rinsing.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May cause cancer. May cause genetic defects. May be fatal if swallowed and enters airways. Causes serious eye irritation.
- Symptoms/injuries after inhalation : May cause irritation and damage to respiratory tissues. May cause drowsiness or dizziness.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : Causes serious eye irritation.
- Symptoms/injuries after ingestion : May cause gastrointestinal irritation.
- Chronic symptoms : May cause cancer. May cause genetic defects.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : This product is flammable.
- Explosion Hazard

Reactivity : Flammable liquid and vapour.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Vapors are heavier than air and may travel long distances along the ground to an ignition source and flash back.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Keep upwind.

6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

No additional information available

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety procedures. Keep container closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, well-ventilated area. Keep container closed when not in use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Petroleum distillates, hydrotreated light (64742-47-8)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established
Nonane (111-84-2)	
ACGIH TWA (ppm)	200
Remark (ACGIH)	Threshold Limit Values (TLV Basis) Critical Effects - CNS Impairment
OSHA PEL (TWA) (mg/m ³)	1050
OSHA PEL (TWA) (ppm)	200

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Solvent naphtha, petroleum, light aromatic (64742-95-6)	
Remark (ACGIH)	OELs not established
Remark (OSHA)	OELs not established

Silica: Crystalline, quartz (14808-60-7)	
ACGIH TWA (mg/m ³)	0.025 (respirable fraction)
OSHA PEL (TWA) (mg/m ³)	(30)/(%SiO ₂ + 2) total dust; (10)/(%SiO ₂ + 2) respirable fraction
OSHA PEL (TWA) (ppm)	(250)/(%SiO ₂ + 5) respirable fraction

Exposure

Titanium dioxide (13463-67-7)		controls
ACGIH TWA (mg/m ³)	10	
OSHA PEL (TWA) (mg/m ³)	15 total dust	
Ceramic materials and wares, chemicals (66402-68-4)		
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	
Isobutyl alcohol (78-83-1)		
ACGIH TWA (ppm)	50	
OSHA PEL (TWA) (mg/m ³)	300	
OSHA PEL (TWA) (ppm)	100	
Benzene, 1,2,4-trimethyl- (95-63-6)		
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)		
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidiny ester (82919-37-7)		
Remark (ACGIH)	OELs not established	
Remark (OSHA)	OELs not established	

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment : Gloves. Protective goggles. Wear chemically impervious apron over labcoat and full coverage clothing. Insufficient ventilation: wear respiratory protection.



Hand protection : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier. Change contaminated gloves immediately.

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- 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** : Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.
- Respiratory protection** : Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Odor	: Not available
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 154.4 - 178.3 °C (310-353 °F)
Flash Point	: 38.3 - 39.4 °C (101-103°F)
Auto-ignition Temperature	: 230 °C (450°F)
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: 2 mm Hg at 68 F
Relative Vapor Density at 20 °C	: Heavier than air
Relative Density	: .94
Solubility	: Insoluble, reacts with water
Partition Coefficient: N-octanol/water	: Not available
VOC Content	: 410 g/L
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Heat. Prevent vapor accumulation.

10.5. Incompatible materials

Strong acids. Strong alkalis. Oxidizing agents.

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10.6. Hazardous decomposition products

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity : Not classified

Petroleum distillates, hydrotreated light (64742-47-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h
Nonane (111-84-2)	
LC50 inhalation rat (ppm)	3200 ppm/4h
Solvent naphtha, petroleum, light aromatic (64742-95-6)	
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (ppm)	3400 ppm/4h
Titanium dioxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg
Isobutyl alcohol (78-83-1)	
LD50 oral rat	2460 mg/kg
LD50 dermal rabbit	3400 mg/kg
LC50 inhalation rat (mg/l)	> 6.5 mg/l/4h
Benzene, 1,2,4-trimethyl- (95-63-6)	
LD50 oral rat	3280 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
ATE CLP (gases)	4500.000 ppmv/4h
ATE CLP (vapours)	11.000 mg/l/4h
ATE CLP (dust,mist)	1.500 mg/l/4h

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)	
LD50 oral rat	2615 mg/kg

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Causes serious eye irritation.
 Respiratory or skin sensitisation : May cause an allergic or skin reaction.
 Germ cell mutagenicity : May cause genetic defects.
 Carcinogenicity : May cause cancer.

Silica: Crystalline, quartz (14808-60-7)	
IARC group	1 - Carcinogenic to humans
Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified
 Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.
 Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : May be fatal if swallowed and enters airways.

Symptoms/injuries after inhalation : May cause irritation and damage to respiratory tissues. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact : May cause an allergic skin reaction.

Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms/injuries after ingestion : May cause gastrointestinal irritation.

Chronic symptoms : May cause cancer. May cause genetic defects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - general : Aquatic toxicity rating not determined. All possible measures should be taken to prevent release into the environment.

12.2. Persistence and degradability

RepairBoss All Roof Repair Mastic	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

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

Ecology – Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : Paint
 Hazard Class : 3
 Identification Number : 1263
 Packing Group : 3

In Accordance with IMDG

Proper Shipping Name : Paint
 Hazard Class : 3
 Identification Number : 1263
 Packing Group : 3

In Accordance with IATA

Proper Shipping Name : Not regulated.
 Hazard Class : Not regulated.
 Identification Number : Not regulated.
 Packing Group : Not regulated.

In Accordance with TDG

Proper Shipping Name : Not regulated.
 Hazard Class : Not regulated.
 Identification Number : Not regulated.
 Packing Group : Not regulated.

SECTION 15: REGULATORY INFORMATION

15.1. US Federal regulations

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All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard
Cumene (98-82-8)	
Listed on United States SARA Section 313	
CERCLA RQ	5000 lb
Isobutyl alcohol (78-83-1)	
CERCLA RQ	5000 lb
Benzene, 1,2,4-trimethyl- (95-63-6)	
Listed on United States SARA Section 313	
Xylenes (o-, m-, p- isomers) (1330-20-7)	
Listed on United States SARA Section 313	
CERCLA RQ	100 lb

15.2. International regulations

No additional information available

15.3. US State

regulations California

Proposition 65

WARNING: This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

Cumene (98-82-8)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	NA
Silica: Crystalline, quartz (14808-60-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity -	U.S. - California - Proposition 65 - Reproductive Toxicity -	No significance risk level (NSRL)

Silica: Crystalline, quartz (14808-60-7)				
		Female	Male	
Yes	No	No	No	NA

Nickel oxide (1313-99-1)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	NA

Titanium dioxide (13463-67-7)				
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
Yes	No	No	No	NA

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Nonane (111-84-2)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

Cumene (98-82-8)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Silica: Crystalline, quartz (14808-60-7)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

Nickel oxide (1313-99-1)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Titanium dioxide (13463-67-7)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Silica, amorphous, precipitated and gel (112926-00-8)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List

Isobutyl alcohol (78-83-1)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Benzene, 1,2,4-trimethyl- (95-63-6)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Xylenes (o-, m-, p- isomers) (1330-20-7)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

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

BITEC, Inc.
#2 Industrial Park Drive
Morrilton, AR 72110
T-800-535-8597

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.

North America GHS US 2019 & WHMIS