

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Viking® BUR Restore

Product Code: F0251-24402-VKG-5

Intended Use of the Product

Cold Applied Asphalt Restoration Coating

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 of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 3	H226
Skin Irrit. 2	H315
Mutagenicity, 1B	H340
Carc., 1B	H350
STOT RE 1	H372

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

:



GH502

GH507

GH508

Signal Word (GHS-US)

:

Danger

Hazard Statements (GHS-US)

:

H226 – Flammable liquid and vapor.

H315 – Causes skin irritation.

H340 – May cause genetic defects.

H350 – May cause cancer.

H372 – Causes damage to organs through prolonged or repeated exposure

Precautionary Statements (GHS-US)

:

P201 – Obtain special instructions before use.

P202 – Do not handle until all safety precautions have been read and understood.

P210 – Keep away from heat/sparks/open flames/hot surfaces. –no smoking.

P233 – Keep container tightly closed.

P240 – Ground/bond container and receiving equipment.

P241 – Use explosion-proof electrical/ventilating/lighting equipment.

P242 – Use only non-sparking tools.

P243 – Take precautionary measures against static discharge.

P260 – Do not breathe vapors, fumes

P264 – Wash hands, forearms, and other exposed areas thoroughly after handling.

P270 – Use only outdoors or in a well-ventilated area.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 – If on skin: Wash with plenty of water.

P303+P361+P353 – IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P308+P313 – If exposed or concerned: Get medical advice/attention.

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P314 - Get medical advice/attention if you feel unwell
P321 - Specific treatment (see a doctor on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P370+P378 - In case of fire: Use carbon dioxide (CO₂), ABC-powder, foam, dry extinguishing powder, do not use water to extinguish
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up.
P501 - Dispose of contents/container according to local, regional, national, and international regulations.

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
asphalt, oxidized	(CAS No) 64742-93-4	55-65	Carc. 1B, H350
mineral spirits	(CAS No) 8052-41-3	28 - 32	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
Naphtha (petroleum), hydrodesulfurized heavy	(CAS No) 64742-82-1	0 - 32	Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
thickening clay	(CAS No) 12174-11-7	2 – 3.5	Carc. 2, H351
Trimethylbenzenes	(CAS No) 25551-13-7	0.2 – 1.75	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation: vapor), H332
Cumene	(CAS No) 98-82-8	0 – 0.35	Flam. Liq. 3, H226 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
silica	(CAS No) 14808-60-7	0.15 – 0.20	Carc. 1A, H350 STOT RE 1, H372
ethylbenzene	(CAS No) 100-41-4	< 0.065	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation: dust, mist), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304

Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: IF exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: Remove person to fresh air and keep comfortable for breathing.

First-aid Measures After Skin Contact: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid Measures After Eye Contact: Rinse eyes with water as a precaution.

First-aid Measures After Ingestion: Call a poison center or a doctor if you feel unwell.

Most Important Symptoms and Effects, Both Acute and Delayed

General: Causes skin irritation.

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Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry powder. Foam. Carbon dioxide. Dry sand.

Unsuitable Extinguishing Media: Do not use water jet. Use of heavy stream of water may spread fire.

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Reactivity: Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Firefighting Instructions: Exercise caution when fighting any chemical fire.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and oxides of sulfur and/or nitrogen. Hydrogen sulfide and other sulfur-containing gases can evolve from this product particularly at elevated temperatures. Corrosive vapors.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use special care to avoid static electric charges. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Avoid breathing vapor, mist, spray. Use only outdoors or in a well-ventilated area. Handle in accordance with good industrial hygiene and safety practice.

For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection. Use proper PPE.

Emergency Procedures: Ventilate area. Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Prevent entry to sewers and public waters.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and Material for Containment and Cleaning Up

For Containment: Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material.

Methods for Cleaning Up: Collect spillage. Clear up spills immediately and dispose of waste safely.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe fume, vapours. Avoid contact with skin and eyes.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical, lighting, ventilating equipment.

Storage Conditions: Keep in properly labeled containers. Keep tightly closed in a cool dry well-ventilated place. Use explosion-proof electrical, lighting, and ventilating equipment.

Incompatible Materials: Strong acids, Strong oxidizers.

Storage Area: Store locked up. Store in a well-ventilated place.

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Control Parameters

mineral spirits (8052-41-3)		
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (ppm)	100 ppm
ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam;
OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
silica (14808-60-7)		
ACGIH	ACGIH TWA (mg/m ³)	0.025 mg/m ³
OSHA	Remark (OSHA)	(3) See Table Z-3.

cumene (98-82-8)		
ACGIH	ACGIH TWA (ppm)	50 ppm
ACGIH	ACGIH STEL (ppm)	50 ppm
ACGIH	Remark (ACGIH)	Eye, skin, & URT irrit; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	245 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	50 ppm

trimethylbenzenes (25551-13-7)		
ACGIH	ACGIH TWA (ppm)	25 ppm
ACGIH	ACGIH STEL (ppm)	25 ppm
ACGIH	Remark (ACGIH)	CNS impair; asthma; hematologic eff

Exposure Controls

Appropriate Engineering Controls: Ensure good ventilation of the work station.

Personal Protective Equipment: Gloves. Protective clothing. Safety Glasses. Insufficient ventilation: wear respiratory protection.

Hand Protection: Protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: When manufacturing or handling product in large quantities and vapors or mists may be generated, maintain airborne concentrations below recommended limits. Workplace risk assessments should be completed before specifying and implementing respirator usage. NIOSH approved respirators for protection should be used if respirators are found to be necessary.

Other Information: When using, do not eat, drink, or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Black
Odor	: Hydrocarbon odor
Flash Point	: >105°F
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Density	: >1 g/cm ³
Solubility	: Water: Solubility in water of component(s) of the mixture : • mineral spirits: < 0.1 g/100ml • cumene: 0.005 g/100ml • trimethylbenzenes: < 0.010 g/100ml • silica: insoluble • thickening clay: insoluble • cellulose: < 0.1 g/100ml • chalk: < 0.1 g/100ml • talc: < 0.1 g/100ml • magnesium carbonate: < 0.1 g/100ml

Explosion Data – Sensitivity to Mechanical Impact : Not expected to present an explosion hazard due to mechanical impact

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

Chemical Stability: Flammable liquid and vapor. Product is stable under recommended handling and storage conditions (see Section 7).

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

Incompatible Materials: Strong acids. Strong bases. Strong oxidizers.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂).

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SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity : May cause genetic defects.

Carcinogenicity : May cause cancer.

silica (14808-60-7)

IARC group 1 - Carcinogenic to humans

thickening clay (12174-11-7)

IARC group 2B - Possibly carcinogenic to humans, 3 - Not classifiable

asphalt, oxidized (64742-93-4)

IARC group 2A - Probably carcinogenic to humans

cumene (98-82-8)

IARC group 2B - Possibly carcinogenic to humans

ethylbenzene (100-41-4)

IARC group 2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Symptoms/injuries after skin contact : Irritation.

Information on Toxicological Effects – Ingredient(s)

LD50 and LC50 Data

mineral spirits (8052-41-3)	
LD50 oral rat	> 5000 mg/kg (Rat)
LD50 dermal rabbit	> 3000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 5.5 mg/l/4h (Rat)

cumene (98-82-8)	
LD50 oral rat	> 2000 mg/kg (Rat; Other; Literature study; 4000 mg/kg bodyweight; Rat; Other; Inconclusive, insufficient data)
LD50 dermal rabbit	10578 mg/kg (Rabbit; Literature study; Other)
LC50 inhalation rat (mg/l)	40 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	8000 ppm/4h (Rat; Literature study)
ATE US (dermal)	10578.000 mg/kg bodyweight
ATE US (gases)	8000.000 ppmv/4h
ATE US (vapours)	40.000 mg/l/4h
ATE US (dust, mist)	40.000 mg/l/4h

trimethylbenzenes (25551-13-7)	
LD50 oral rat	8970 mg/kg (Rat)
LC50 inhalation rat (mg/l)	18 mg/l/4h (Rat)
ATE US (oral)	8970.000 mg/kg bodyweight
ATE US (vapours)	18.000 mg/l/4h
ATE US (dust, mist)	18.000 mg/l/4h

ethylbenzene (100-41-4)	
ATE US (gases)	4500.000 ppmv/4h
ATE US (vapours)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology – General: This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewers systems, waterways or otherwise impacting plant and animal species.

Bio accumulative Potential

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No additional information available

Mobility in Soil

No additional information available

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

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

Additional Information: Prevent runoff from entering drains, sewers, or waterways.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT

Proper Shipping Name : Not Regulated when shipped in containers <119 gallons [49 CFR 173.120(b)(2)].
Non-bulk packages are exempt from DOT HM-181 shipping requirements.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Section 311/312 Hazard Classes

Fire hazard

Immediate (acute) health hazard

Delayed (chronic) health hazard

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

silica	CAS No 14808-60-7
thickening clay	CAS No 12174-11-7

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Listed on United States SARA Section 313

cumene (98-82-8)

RQ (Reportable quantity, section 304 of EPA's List of Lists)

5000 lb

ethylbenzene (100-41-4)

RQ (Reportable quantity, section 304 of EPA's List of Lists)

1000 lb

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

Revision date : 04/16/2026

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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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.

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