

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Viking™ Tar Armor

Product Code: 5401

Intended Use of the Product

Silicone 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 (GHS-US)

Flam. Liq. 3	H226
Mutagen 1B	H340
Skin Sens. 1	H317
Carc. 1A	H350
Repr. 1B	H360
Aspiration Hazard 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
H340 - May cause genetic defects
H350 - May cause cancer
H360 - May damage fertility or the unborn child

Precautionary Statements (GHS-US) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood

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P210 - Keep away from 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 mist, spray, vapours
P272 - Contaminated work clothing must not be allowed out of the workplace
P280 - Wear protective gloves, eye protection, face protection
P301+P316 – IF Swallowed: Get emergency medical help immediately.
P302+P352 - If on skin: Wash with plenty of water
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313 - If exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see details on this label)
P331 – Do not induce vomiting
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P370+P378 - In case of fire: Use powder, water spray, foam, carbon dioxide to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to in accordance with local, regional, and national regulations.

Other Hazards

Skin irritation may be aggravated by exposure to sunlight/UV rays.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

HAZARDOUS INGREDIENTS:	CAS #	WT %	GHS HAZARD CLASSIFICATION(S):
pitch, coal tar, high-temp	(CAS No) 65996-93-2	60-65	Muta. 1B, H340 Carc. 1B, H350 Repr. 1B, H360
Solvent naphtha (petroleum), light arom., Low boiling point naphtha	(CAS No) 64742-95-6	15-20	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

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

Description of first aid measures

General Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
Inhalation Allow victim to breathe fresh air. Allow the victim to rest.

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Eyes Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

Skin Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash with plenty of soap and water. If skin irritation or rash occurs: Consult a doctor/medical service. Get medical advice/attention. Wash contaminated clothing before reuse.

Ingestion Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most important symptoms and effects, both acute and delayed:

- Symptoms/injuries after inhalation : Irritating to the respiratory tract. Prolonged or repeated breathing of very high vapor concentrations cause euphoria, excitation, and dizziness, headaches, nausea, and vomiting, abdominal pain, fatigue, muscular weakness. Aspiration into the lungs can cause CNS(central nervous system) symptoms and subsequent aspiration into the lungs can cause pulmonary edema and chemical pneumonia depression. Chronic overexposure in high concentrations may produce CNS depression.
- Symptoms/injuries after skin contact : Prolonged or repeated skin contact may cause moderate to severe irritation including itching and redness of the skin, defatting, and/or dermatitis. This product can be absorbed through the skin and produce CNS symptoms. Single prolonged exposure is not likely to result in the product being absorbed through the skin in harmful amounts. Photosensitization of the skin may occur. This irritation has a burning sensation somewhat like sunburn and is accentuated by sunlight. Repeat or prolonged contact may contribute to conditions such as dermatitis, tar warts, and rough skin.
- Symptoms/injuries after eye contact : May cause tearing, stinging, redness, irritation, and burns.
- Symptoms/injuries after ingestion : Irritation of the mouth, esophagus, and stomach can develop following ingestion. Symptoms include burning of the mouth, sore throat, vomiting, nausea, dizziness, loss of consciousness. Due to its light viscosity, there is danger of aspiration into the lungs during vomiting. Aspiration can result in severe lung damage or death.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

Water, carbon dioxide, foam or dry powder.

Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce carbon monoxide, oxides of nitrogen and various hydrocarbon fragments.

Advice for fire-fighters

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

Personal precautions, protective equipment and emergency procedures

Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking. Put on appropriate personal protective equipment (see section 8).

Environmental precautions

Do not allow spills to enter drains or waterways. Avoid release to the environment.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Methods and material for containment and cleaning up

Small spill: Remove with absorbent material.

Large spill: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep from freezing. See section 2 for further details. - [Prevention]:

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Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No known incompatible materials for this product.

Recommended storage range is 45 - 90°F. Keep container tightly closed. See section 2 for further details. - [Storage]:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

Chemical Name	CAS#	ACGIH TWA	OSHA TWA
Coal Tar Pitch	65996-93-2	0.2 mg/m ³	Not Listed
Silica	14808-60-7	0.025 mg/m ³	See table Z-3

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

: Wear protective gloves

Eye protection

: Chemical goggles or safety goggles

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.

Body Protection

: Use of protective creams and sunscreen agents are recommended. Protective creams or "barrier creams" form a film that acts as both a chemical and physical "barrier" between skin and the contaminant and tends to penetration of the contaminant into the pores of the skin. In applying "barrier" creams, be sure the skin is clean and dry. Sunscreen agents filter out most of the rays from the sun.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical state	: Liquid
Appearance	: A black, thick consistency liquid.
Colour	: Black
Odour	: Tar odour.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Density	: > 8.4 lb/gallon
Solubility	: <0.5%
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapor-air mixture.

Possibility of hazardous reactions

No data available.

Conditions to avoid

Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

Incompatible materials

Strong oxidizers

Hazardous decomposition products

H₂S, CO, CO₂, SOX and PAH's

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

No data available

Carcinogen Data

Coal tar pitch volatiles, soots, tars and oils are listed as a carcinogenic category by OSHA, ACGIH, the National Toxicological Program (NTP) and the international Agency for Research on Cancer (IARC). Prolonged or repeated contact may lead to dermatitis; and with poor hygienic practices, to more serious skin disorders such as ulcerations, benign skin growths and skin cancer.

SECTION 12: ECOLOGICAL INFORMATION

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

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

Not regulated when shipped in containers <119 gallons domestically

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

SECTION 15: REGULATORY INFORMATION

TSCA INVENTORY: Not determined

DSL INVENTORY: Not determined

WHMIS CLASSIFICATION: Not determined

SARA HAZARD NOTIFICATION:

Hazardous Categories Under Title III Rules (40 CFR 370): Not applicable

Section 302 Extremely Hazardous Substances: Not applicable

Section 313 Toxic Chemical(s): Yes

CERCLA REPORTABLE QUANTITY

Component	% by Wt.
Naphthalene	< 0.1%
Phenanthrene	Approx 1.3%
PAC (polycyclic aromatic compounds)	< 0.1%

Pitch, coal tar, high temp. (65996-93-2)

Listed on IARC (International Agency for Research on Cancer)

US STATE REGULATIONS

CA Proposition 65 Warning: This product contains chemicals such as coal tar pitch known to the State of California to cause cancer, birth defects, and/or other reproductive harm.

Pitch, coal tar, high temp. (65996-93-2)

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

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

Revision date : 09/03/2024

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

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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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