

SECTION 1: IDENTIFICATION**Product Identifier****Product Form:** Mixture**Product Name:** Viking Coat Tar Pitch**Product Code:** F0251-25011**Intended Use of the Product**

Sealant and Coating, ASTM D-450 Type 1

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.bi-tec.com

Emergency Telephone Number**Emergency Number:** 1-800-535-8597**SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****Classification (GHS-US)**

Mutagenicity, 1B H340

Carc., 1A H350

Repr.1B H360

Label Elements**GHS-US Labeling****Hazard Pictograms (GHS-US)****Signal Word (GHS-US)**

: Danger

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.

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

P233 – Keep container tightly closed.

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

P271 – Use only outdoors or in a well-ventilated area.

P273 – Avoid release to the environment.

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

P312 – Call a doctor, a POISON CENTER if you feel unwell.

P301+P310 – IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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.

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.

P331 – Do NOT induce vomiting.

P337+P313 – If eye irritation persists: Get medical advice/attention.

P370+P378 – In case of fire: use appropriate media to extinguish.

P391 – Collect spillage.

Viking Coat Tar Pitch

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

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)
Coal Tar Pitch	(CAS No) 65996-93-2	100	

Full text of H-Phrases: See Section 16

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). If exposed or concerned: Get medical advice/attention.

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. If exposed or concerned: Get medical advice/attention.

First-aid Measures After Skin Contact: Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention immediately. Wash clothing separately before reuse.

First-aid Measures After Eye Contact: Immediately flush eyes with plenty of tempered water (at least 15-20 minutes) lifting upper and lower eye lids occasionally. Get immediate medical attention.

First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most Important Symptoms and Effects, Both Acute and Delayed

General: May be fatal if swallowed and enters airways. Causes serious eye irritation. Causes skin irritation.

Symptoms/Injuries After Inhalation: May cause cancer by inhalation.

Symptoms/Injuries After Skin Contact: May cause skin irritation.

Symptoms/Injuries After Eye Contact: Causes eye irritation.

Symptoms/Injuries After Ingestion: May be fatal if swallowed and enters airways.

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

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: Use extinguishing media appropriate for surrounding fire.

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

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: 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.

Viking Coat Tar Pitch

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Emergency Procedures: Ventilate area. Evacuate unnecessary personnel. 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: Handle empty containers with care.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Contaminated work clothing should not be allowed out of the workplace.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Keep in properly labeled containers. Keep tightly closed in a cool dry well-ventilated place.

Incompatible Materials: Strong oxidizers.

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

Specific End Use(s)

Liquid Waterproofing Membrane

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Coal tar pitch, high temp (CAS No 65996-93-2)		
USA OSHA	PEL (mg/m ³)	0.2 mg/m ³
USA OSHA	TLV (TWA) (mg/m ³)	0.2 mg/m ³

Exposure Controls

Appropriate Engineering Controls: Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Take precautionary measures against static discharges. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases/vapors may be released.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. 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	: Petroleum Distillates
Flash Point	: 320°F (160°C)
Vapor Pressure	: Not determined
Density	: 1.22-1.26 g/mL @ 25 C
Solubility	: Negligible
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact

SECTION 10: STABILITY AND REACTIVITY

Viking Coat Tar Pitch

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

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: May react violently with strong oxidizing agents

Conditions to Avoid: Heat. Ignition sources. Incompatible materials.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Combustion causes toxic fumes. Combustion products: Nitrogen oxides, Oxides of carbon, Sulphur oxides

SECTION 11: TOXICOLOGICAL INFORMATION

Information On Toxicological Effects - Product

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects:

Coal tar pitch, high temp. (CAS No. 65996-93-2)

Acute toxicity: LD50 (oral): >15000 mg/kg bw; LD50 (dermal): >2000 mg/kg bw

Irritation/Corrosivity: May cause irritation to skin, eyes and respiratory system. Causes skin irritation in the presence of sunlight / UV rays.

Sensitization: Repeated and/or prolonged contact may cause skin sensitisation.

Repeated dose toxicity: NOAEL(oral, 90-days): >200 mg/kg bw

Carcinogenicity: May cause cancer. (Skin, Lungs, Bladder, Kidneys, Other)

NTP IARC ACGIH OSHA

NTB	IARC	ACGIH	OSHA
Known human carcinogen	Group 1 Human Carcinogen	A1 Known human carcinogen	No

Mutagenicity: There is evidence of mutagenic potential.

Reproductive toxicity: May damage fertility or the unborn child.

Other information: None known.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Coal tar pitch, high temp. (CAS No. 65996-93-2)

Short term: LL50 (96 hour): 128 mg/L (*Pagrus major*); EL50 (48 hour): >100 mg/L (*Daphnia magna*; mobility); EL50 (72 hour): 220 mg/L (*Desmodemus subspicatus*)

Long Term: NOEC (42 day): 4 mg/L (*Danio rerio*); LOELR (21 day): >100 mg/L (*Daphnia magna*); EL50 (72 hour): 220 mg/L (*Desmodemus subspicatus*)

Persistence and degradability: Evidence exists of biodegradation processes.

Bioaccumulative potential: The product has potential for bioaccumulation.

Mobility in soil: The substance has low mobility in soil.

Results of PBT and vPvB assessment: Not applicable

Other adverse effects: None known.

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

If shipped in 5 gallon pails (18.9L) or less:

Not Restricted

If shipped in 200 pound/20 gallon kegs (76L):

UN3077, Environmentally hazardous substances, solid, n.o.s., (Solid coal tar pitch compounds/contains Benzo[a]pyrene and Benzo[b]fluoranthene), 9, III, RQ

If shipped in bulk at or above 100°C (212°F):

UN3257, Elevated temperature liquid, n.o.s., (Coal tar pitch containing Benzo[a]pyrene and Benzo[b]fluoranthene), 9, III, RQ

In Accordance with IMDG

If shipped in 5 gallon pails (18.9L) or less:

Viking Coat Tar Pitch

Safety Data Sheet

According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Not Restricted

If shipped in 200 pound/20 gallon kegs (76L)/(Packaging exemption DOT-SP 11263):

UN3077, Environmentally hazardous substances, solid, n.o.s., (Solid coal tar pitch compounds/contains Benzo[a]pyrene and Benzo[b]fluoranthene), 9, III, RQ

In Accordance with IATA

If shipped in 5 gallon pails (18.9L) or less:

Not Restricted

SECTION 15: REGULATORY INFORMATION

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt. **RCRA**

Hazardous Waste Number (40 CFR 261.33): None

US RCRA Hazard Class: Not applicable

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4): None

Chemical Name	CAS No.	Typical % wt.	RQ (lbs.)	Quantity (lbs.)	Quantity (gals.)
Benzo(a)pyrene**	50-32-8	1.1-1.3	1	77	8
Benzo(b)fluoranthene**	205-99-2	0.8-0.9	1	111	11
Dibenz(a,h)anthracene**	53-70-3	0.2-0.25	1	400	40
Benz(a)anthracene**	56-55-3	1.2-1.4	10	714	71
Fluoranthene	206-44-0	3-3.5	100	2860	286
Dibenzo(a,i)pyrene	189-55-9	.2-.25	10	4000	400
Chrysene**	218-01-9	1.1-1.4	100	7140	714
Indeno(1,2,3-cd)pyrene**	193-39-5	.82-.99	100	10100	1010
Acenaphthene	83-32-9	.28-.47	100	21300	2130
Naphthalene**	91-20-3	.03-.24	100	41700	4170

SARA 311/312 - Hazard Categories: Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical % wt.
Naphthalene	91-20-3	.03-.24
Phenanthrene	85-01-8	2.6-3.2
Polycyclic Aromatic Compounds (PACs)	Category No. N590	10.4-12.6

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical % wt.	TPQ (lbs.)
Naphthalene	91-20-3	.03-.24	1000/10000

Proposition 65 (California): "WARNING: This product contains chemicals known to the State of California to cause cancer."

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

Revision date : 08/04/2024

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

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