



SAFETY DATA SHEET

Issuing Date 15-April-2015

Revision Date 2-Sept-15

Revision Number 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

GHS Product Identifier

Product Name: Asphalt Coated Reinforcing Fabric

Other Means of Identification

Product Code(s): H9070

Synonyms: None

Recommended Use of the Chemical and Restrictions on Use

Recommended Use: No information available.

Uses Advised Against: For Exterior Use Only

Manufacturer's Details

Manufacturer Address

ThorWorks Industries, Inc.

2520 S. Campbell St.

Sandusky, OH 44870

www.sealbest.com

1-800-326-1994

Emergency Telephone Number

Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification: Not classified

GHS Label Elements, Including Precautionary Statements: No labelling applicable

Hazard Not Otherwise Classified (HNOC)

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the product or products listed here are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound with in the product. When handled as intended and under normal use conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS Labeling elements ThorWorks Industries would like to disclose as much health and safety information as possible to ensure that this product is used and handled properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS Number	Weight %	GHS-US Classification
Asphalt, oxidized	64742-93-4	40	1B, H350

4. FIRST AID MEASURES

Description of Necessary First-Aid Measures

Eye Contact Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

Skin Contact Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions, see a physician.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Ingestion Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Most Important Symptoms/Effects, Acute and Delayed

Most Important Symptoms/Effects No information available

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician Treat Symptomatically. May cause sensitization by skin contact.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon Dioxide (CO₂). Dry Chemical. Foam. Dry Powder. Sand.

Unsuitable Extinguishing Media Do not use a heavy water stream.

Specific Hazards Arising from the Chemical

The asphalt binder/saturant will burn, cotton, jute, and cotton polyester cloth will burn.

Explosion Data

Sensitivity to Mechanical Impact None
Sensitivity to Static Discharge None

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure- demand MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: No additional information available.

Environmental Precautions

Environmental Precautions: No additional information available.

Methods and Materials for Containment and Cleaning Up

Methods for Containment and Cleaning Up: No additional information available.

7. HANDLING AND STORAGE

Precautions for Safe Handling Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. Keep away from naked flames/heat.

Conditions for Safe Storage, Including Any Incompatibilities

Storage: Store in a dry place. Keep cool. Keep away from heat sources
Incompatible Products: Strong oxidizing agents and acids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines Not applicable.

Appropriate Engineering Controls

Engineering Measures: Ensure good ventilation

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Safety glasses.
Skin and Body Protection: Gloves.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State: Solid
Odor: Very mild hydrocarbon odor
Appearance: Black, asphalt saturated fabric.
Odor Threshold: No Information Available

Property	Values	Remarks/Method
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known

Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor Pressure	No data available	None known
Vapor Density	No data available	None known
Specific Density	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Flammable Properties	No data available	
Explosive Properties	No data available	
Oxidizing Properties	No data available	
VOC Content	No data available	

10. STABILITY AND REACTIVITY

Reactivity:	Product is stable.
Chemical Stability:	No additional information available.
Possibility of Hazardous Reactions:	No additional information available.
Hazardous Polymerization:	No additional information available.
Conditions to Avoid:	No additional information available.
Incompatible Materials:	Oxidizing agents.
Hazardous Decomposition Products:	Carbon Monoxide (CO), Carbon Dioxide (CO ²), and unburned hydrocarbons (smoke)

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation:	Not classified.
Eye Contact:	Not classified.
Skin Contact:	Not classified.
Ingestion:	Not classified.

Chemical Name	LD50 Oral	LD50 Dermal	LD50 Inhalation
Asphalt	5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics

Symptoms: No information available.

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure

Sensitization: No information available.
Mutagenic Effects: No information available.
Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen. The IARC, NTP, and OSHA do not list asphalt as a carcinogen. In general, the oxidation of polycyclic aromatic hydrocarbons destroys their carcinogenic potential. Petroleum asphalt, shale oil asphalts, and coal tars show distinct variation in their relative carcinogenicity for experimental animals.

Chemical Name	ACGIH	IARC	NTP	OSHA
Asphalt	A3	Group 2B	Reasonably Anticipated	X

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 – Animal Carcinogen

IRAC: (International Agency for Research on Cancer)

Group 2B – Possibly Carcinogenic to Humans

NTP: (National Toxicity Program)

Reasonably Anticipated – Reasonably Anticipated to be a Human Carcinogen

OSHA: (Occupational Safety & Health Administration)

X – Present

Reproductive Toxicity:	No information available.
STOT - Single Exposure:	No information available.
STOT – Repeated Exposure:	No information available.
Aspiration Hazard:	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated. 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.

Persistence and Degradability: Not established.

Bioaccumulation:

Chemical Name	Log Pow
Asphalt	6.006

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORTATION INFORMATION

DOT: Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA – Complies

DSL/NDSL – Complies

Legend

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

U.S. Federal Regulations

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.

U.S. State Regulations

California Proposition 65: None

U.S. State Right-To-Know Regulations

"X" designates that the ingredients are listed on the state right to know list.

Chemical Name	New Jersey
Oxidized Asphalt	X

16. OTHER INFORMATION

NFPA	Health Hazard: 0	Flammability: 1	Instability: 0	Physical and Chemical Hazards- Personal Protection: B
HMIS	Health Hazard: 0	Flammability: 1	Physical Hazard: 0	

Revision Date: 2-Sept-15

Revision Note: Supersedes 15-April-2015

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.