

(N.E. – None Established)

Section 4 – First Aid Measures

Inhalation: Remove to fresh air. Apply artificial respiration if necessary. Seek medical attention.
Eye Contact: Flush thoroughly with water. If hot material contacts eyes flush continuously with water and seek medical attention.
Skin Contact: If burned by hot product, cool affected areas with cool water. Do not attempt to remove solidified material from skin as the damaged skin may easily tear. Do not use solvents. Seek medical attention.
Ingestion: Do not induce vomiting. Seek medical attention.

Section 5 – Fire Fighting Measures

Autoignition Temperature: >700F
Flash Point: <400F minimum **Lower Explosion Level (LEL):** Not Determined **Upper Explosion Level (UEL):** Not Determined
Flammability Classification: Class III B Combustible
Extinguishing Media: Dry chemical. Carbon Dioxide
Unusual Fire or Explosion Hazards: This product may ignite when sufficient heat is applied. Smoke from fire may be hazardous. It has been found that in hot tanks low flash substances accumulate in the vapor space. The flammability characteristics will not be detected by any flash point method. Keep ignition sources away from tank vents and prevent accumulation of pyrophobic iron sulfide.
Combustion Products: Carbon Monoxide, Carbon Dioxide, Sulfur Dioxide, Hydrogen Sulfide and other decomposition products of hydrocarbons.
Fire-Fighting Instructions/Equipment: Use of foam or water may cause frothing. Apply water from as great a distance as possible. Do not release runoff from control to sewers or waterways. Use a water spray to cool fire exposed containers. Use air supplied breathing apparatus in enclosed areas where heavy smoke may occur.

Section 6 – Accidental Release Measures

Spill and Leak Procedures: Collect and dispose of material in approved container for disposal. If product becomes molten, allow article to cool before disposal or removal from substrate.

Section 7 – Handling and Storage

Handling and Storage Precautions: Unheated material presents no known hazards.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls:	Use engineering controls to reduce air contamination to permissible exposure limits and/or threshold limit values (Section 3).
Eye/Face Protection:	Safety glasses or goggles and a full face shield when material is hot.
Skin Protection:	Use gloves that protect against thermal burns when handling hot material. Synthetic fibers can melt and adhere to the skin when heated.
Respiratory Protection:	Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH approved respirator.

Section 9 – Physical and Chemical Properties

Appearance:	Black/Dark Brown
Physical Form:	Liquid
Odor:	Petroleum
Odor Threshold:	Not determined Vapor
Pressure:	Not determined Vapor
Density (air = 1):	>1
Specific Gravity (water = 1):	1.0-1.2
Solubility in Water:	Negligible
Melting Point:	See Product Data Sheet
Boiling Point:	>650F
% Volatile:	<1% Evaporation
Rate:	Not determined pH: Not determined

Section 10 – Stability and Reactivity

Stability:	Stable
Polymerization:	Will not occur
Hazardous Decomposition Products:	See Section 5
Chemical Incompatibilities:	Strong oxidizing agents
Conditions to Avoid:	None known

Section 11 – Toxicological Information

Carcinogenicity:	There is inadequate evidence that bitumens alone are carcinogenic to humans. There is sufficient evidence for the extracts of steam-refined bitumens and pooled mixtures of steam and air refined bitumens in experimental animals. There is inadequate evidence for the carcinogenicity of undiluted steam-refined bitumens and for cracking residue bitumens in experimental animals.
Component:	Asphalt Cement
Toxic dose LD50:	5-15mg/kg (oral rat)

Section 12 – Ecological Information

Ecotoxicity: No Data **Environmental Transport:** No Data
Environmental Degradation: No Data **Soil Absorption:** No Data
No Data

Section 13 – Disposal Considerations

This product, as supplied, when discarded or disposed of, is not hazardous waste according to Federal Regulations (40 CFR 261). Under the Resource Conservation and Recovery Act, it is the responsibility of the user to determine, at the time of disposal, whether the material is hazardous waste subject to RCRA.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Disposal can occur only in properly permitted facilities. Check state and local regulations for any additional requirements as these may be more restrictive than federal laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate. Disposal of this material must be conducted in compliance with all federal, state and local regulations.

Section 14 – Transport Information

DOT Not regulated as dangerous goods. **IATA** Not regulated as dangerous goods
IMDG Not regulated as dangerous goods

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not Available

Section 15 – Regulatory Information

US federal regulations

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories

Immediate Hazard - No
Delayed Hazard - No Fire
Hazard - No Pressure Hazard -
No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

WARNING: This product contains a chemical known to the State of California to cause cancer.

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not regulated.

US. Pennsylvania RTK - Hazardous Substances

Not regulated.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

Not Listed

International Inventories no)*

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

Section 16 – Other Information**NFPA Hazard Rating:**

- Health	2 Moderate
- Fire	1 Slight
- Reactivity	0 Least

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Additional Information: The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our own research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.