

SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): HD.primer1
 Product Description:
 Synonyms: N/A
 CAS No: N/A

Supplier:
 EPRO Services, Inc.
 PO Box 347
 Derby, KS 67037
 800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

Physical hazards	Flammable liquids	Category 3
Health hazards	Skin corrosion/irritation	Category 2
	Germ cell mutagenicity	Category 1
	Carcinogenicity	Category 1
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
Environmental hazards		
OSHA defined hazards		Not classified.
		Not classified.

Label elements



Signal word

Danger

Hazard statement: May cause genetic defects. May cause cancer. Flammable liquid and vapor.
 Causes skin irritation. May cause drowsiness or dizziness.

Precautionary statement

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fumes/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/not surfaces. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-

sparkling tools. Ground/bond container and receiving equipment. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If exposed or concerned, get medical advice/attention. For specific treatment, see Section 4 Of this SDS. In case of fire: Use appropriate media for extinction. If skin irritation occurs, seek medical advice/attention. Take off contaminated clothing and wash before reuse. If INHALED, Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN (or hair), take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN, wash with plenty of soap and water.

Storage: Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

Disposal: Dispose of contents/container in accordance with local/regional/national/international Regulations. See Section 13 of this SDS for disposal instructions.

Hazards not otherwise classified (HNOC): None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures			
Chemical name	Common name and synonyms	CAS number	%
ASPHALT, OXIDIZED		64742-93-4	60 - 70
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY		64742-48-9	30 - 40
BENZENE		71-43-2	<1

4. FIRST-AID MEASURES

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Induce artificial respiration with aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention, if needed.

Skin contact: For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. For minor skin contact, avoid spreading material on unaffected skin. Wash off with soap and plenty of water. If skin irritation occurs, get medical advice/attention.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. If a contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth thoroughly. Call a POISON CENTER or doctor/physician. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effect, acute and delayed

Indication of immediate medical attention and special treatment needed: In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General information: IF exposed or concerned, get medical advice/attention. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Foam. Carbon dioxide (CO₂). Water fog. Dry chemical powder.

Unsuitable extinguishing media: Do not use water jet.

Specific hazards arising from the chemical: Fire may produce irritating, corrosive and/or toxic gases.

Special protective equipment and precautions for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

Fire fighting equipment/instructions: In case of fire and/or explosion do not breath fumes. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Move containers from fire area if you can do so without risk. Do not get water inside container. Some of these materials, if spilled, may evaporate leaving a flammable residue.

Specific methods: In the event of fire and/or explosion do not breath fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Keep unnecessary personnel away. Keep upwind. Keep out of low areas. Ventilate closed spaces before entering them. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

Methods and materials for containment and cleaning up: Stop the flow of material, if this is without risk. Use a Non-combustible material like vermiculite, sand or earth to soak up the product and place into a container For later disposal. Never return spills in original containers for re-use.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. If this material is spilled into navigable water and create a visible sheen, it is reportable to the National Response Center.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid heat, sparks, open flames and other ignition sources. Avoid breathing dust/fumes/gas/mist/vapors/spray. Wear personal protective equipment. Do not use in areas without ventilation. Avoid prolonged exposure. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Do not empty into drains. Hydrogen sulfide, a very highly toxic gas, may be present with this material. Keep face clear of tank and/or tank car openings.

Condition for safe storage, including any incompatibilities: Store in a well-ventilated place. Keep container Closed. Keep container dry. Keep away from food, drink and animal food. Keep out of reach of children. Use care in handling/storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

U.S. – NIOSH

<u>Components</u>	<u>Type</u>	<u>Value</u>
Asphalt, oxidized (CAS 64742-93-4)	REL	5 mg/m ³

Biological limit values: No biological exposure limit noted for the ingredient(s).

Appropriate engineering controls: Provide adequate ventilation, including appropriate local extraction, To ensure that the defined occupational exposure limit is not exceeded.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection-Hand: Chemical resistant gloves are recommended. If contact with forearms is likely, Wear gauntlet style gloves.

Skin protection-Other: It is a good industrial hygiene practice to minimize skin contact. Wear appropriate Clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards: Not available.

General hygiene considerations: When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid Contact with skin. Wash hands before breaks and immediately after handling the product. Handle In accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous liquid

Form: Liquid

Odor: Mild petroleum odor

pH: Not available

Initial boiling point and range: 300°F (148.89°C)

Evaporation rate: 70

Upper/lower flammability or explosive limits: Not available

Vapor density: > 4.5

Solubility (water): Insoluble

Decomposition temperature: Not available

Partition coefficient (n-octanol/water): Not available

Physical state: Solid

Color: Brown to Black

Odor threshold: Not available

Melting point/freezing point: No data

Flash point: 105.0°F (40.6°C) Tag Closed Cup

Flammability (solid,gas): Not available

Vapor pressure: < 50 psi

Relative density: Not available

Auto-ignition temperature: No data

Viscosity: Not available

VOC: < 350 g/l

10. STABILITY AND REACTIVITY

Reactivity: Not reactive

Chemical stability: Stable at normal conditions

Possibility of hazardous reactions: Hazardous polymerization does not occur

Conditions to avoid: Heat, flames and sparks

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: Irritants. Carbon oxides. Sulphus oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation: Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea

Skin contact: Causes skin irritation

Eye contact : May be irritating to eyes

Ingestion: May be harmful if swallowed

Symptoms related to the physical, chemical and toxicological characteristics: Not available

Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Causes skin irritation

Serious eye damage/eye irritation: May irritate eyes

Respiratory or skin sensitization

Respiratory sensitization: Not available

Skin sensitization: Causes skin irritation

Germ cell mutagenicity : May cause genetic defects

Carcinogenicity: May cause cancer

IARC Monographs. Overall Evaluation of Carcinogenicity: Not listed

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052): Not regulated

US. National Toxicology Program (NTP) Report on Carcinogens: Not listed

Reproductive toxicity: Not classified

Specific target organ toxicity – single exposure: May cause drowsiness and dizziness

Specific target organ toxicity – repeated exposure: Not available

Aspiration hazard: Not classified

Chronic effects: Prolonged exposure may cause chronic effects

12. ECOLOGICAL INFORMATION (non-mandatory)

Ecotoxicity: Not expected to be harmful to aquatic organisms

Persistence and degradability: Not available

Bioaccumulative potential: Not available

Mobility in soil: Not available

Other adverse effect: Not available

13. DISPOSAL CONSIDERATIONS (non-mandatory)

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/International regulations. If discarded, this product is considered a RCRA ignitable waste, D0001.

Hazardous waste code: D001: Waste Flammable material with a flash point < 140°F

Waste from residues / unused products: Dispose of in accordance with local regulations.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for Recycling or disposal.

14. TRANSPORT INFORMATION (non-mandatory)**DOT**

UN number: UN1999

UN proper shipping name: Tars, liquid

Transport hazards classes

Class: Combustible Liquid

Subsidiary risk: -

Labels: 3

Packing group: III

Special precautions for user: If shipped by ground in quantities LESS than 119 gallons (450 L): Not regulated as a hazardous material.

Special provisions: B1, B52, IB3, T4, TP1, TP29

Packaging exceptions : 150

Packaging non bulk: 203

Packaging bulk: 242

IATA

UN number: UN1999

UN proper shipping name: Tars, liquid

Transport hazard classes

Class: 3

Subsidiary risk: -

Packing group: III

Environmental hazards: No

ERG Code: 3L

Special precautions for user: Not available.

Other information

Passenger and cargo aircraft: Allowed with restrictions

Cargo aircraft only: Allowed with restrictions

IMDG

UN number: UN1999

UN proper shipping name: Tars, liquid

Transport hazard classes

Class: 3

Subsidiary risk: -

Packing group: III

Environmental hazards Maring pollutant: No

EmS: F-E, S-E

Special precautions for user: Not available.

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

IATA; IMDG



15. REGULATORY INFORMATION (non-mandatory)

US federal regulations: This product is a “Hazardous Chemical” as defined y the OSHA Hazard Communication Standard 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances – Not applicable.

TSA Section 12(b) Export Notification (40 CFR 707, Subpt. D): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052): Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)**SARA 302 Extremely hazardous substance:** Not listed.**SARA 311 / 312 Hazardous chemical:** Yes

Classified hazard categories: Flammable (gases, aerosols, liquids, or solids)
 Skin corrosion or irritation
 Germ cell mutagenicity
 Carcinogenicity
 Specific target organ toxicity (single or repeated exposure)

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® 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.**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*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).

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated 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.