



Columbia Black Fibre Coating

Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY INFORMATION

Manufacturer	Central Petroleum Company, 201 East Lincoln St., Walcott, IA 52773-0116		
Telephone	563-284-6221 (M-F: 8:00-3:00 CT)	Fax	563- 284-5124
Product Name(s)	Columbia Black Fibre Coating		
Common Name	Asphalt Based Coating		
Use	Asphalt Based Coating	CAS Number	Mixture
Emergency Contact / Number	CHEMTREC 1-800-424-9300		

SECTION 2: HAZARD IDENTIFICATION

Hazards

Flammable liquid	Category 3, Flammable
Acute toxicity, inhalation	Category 4, Harmful if inhaled
Skin Corrosion/Irritation	Category 1, Causes severe burns and irritation
Eye Damage/Irritation	Category 2A, Causes serious eye irritation
Carcinogenicity	Category 2, Suspected of causing cancer

DANGER



Precautionary Statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Ground container and receiving equipment. Use explosion-proof electrical, ventilating and light equipment, etc. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fumes, gas, mist, vapors or spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required.

Response

IN CASE OF FIRE: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.

IF EXPOSED OR CONCERNED: get medical advice or attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER, doctor or physician.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing. If eye irritation persists get medical advice or attention.

Call a POISON CENTER, doctor or physician if you feel unwell.

Storage and Disposal

Store locked up. Store in a well ventilated place. Keep cool. Dispose of contents and container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component%
Oxidized asphalt	64742-93-4	40 – 70
Stoddard solvent	8052-41-3	20 – 40
Reinforcing components	Mixture	5 – 15

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SECTION 4: FIRST AID MEASURES

Skin Contact

Wash exposed areas promptly with water and mild soap. Remove contaminated clothing immediately and launder before reuse. Seek medical attention if irritation occurs and persists.

Eye Contact

Flush with water for 15 minutes. Seek medical attention if irritation occurs and persists.

Inhalation

Remove victim to fresh air. Seek immediate medical attention if symptoms persist.

Ingestion

Rinse mouth if victim is conscious but do not induce vomiting. Contact a physician or poison control center immediately for guidance.

Most Important Symptoms / Effects

May cause reversible skin and eye irritation. Breathing Stoddard Solvent vapors may cause central nervous system depression with symptoms including nausea, headache, dizziness, fatigue, drowsiness, or unconsciousness. This is not expected at vapor concentrations below the recommended exposure limits.

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin irritation, ingestion, gastrointestinal or respiratory distress. See Section 11.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media

Water fog, foam, CO₂, dry chemical. Water stream may splatter burning asphalt. Use a water spray to cool fire-exposed containers, structures and to protect personnel.

Special Firefighting Procedures

Clear fire area of unprotected and untrained personnel. Do not enter confined fire space without full equipment and a positive pressure NIOSH approved self-contained breathing apparatus.

Unusual Firefighting Hazards

Combustion consumes oxygen and produces carbon dioxide, carbon monoxide and other, possibly toxic gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Isolate release area and keep unnecessary or untrained people away. Do not smoke or have open flames. Do not breathe vapors. Floor and surfaces may be slippery. See Section 8 for personal protection gear.

Environmental Precautions

Ventilate area. Contain spill if it can be done with minimal risk. Prevent from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

Methods for Cleaning Up

Dike area and absorb spill with sand or other inert material. Vacuum or sweep up large spills and place in a disposal container. Dispose of properly.

SECTION 7: HANDLING AND STORAGE

Handling

Use with adequate ventilation. Avoid prolonged or repeated skin contact. Avoid prolonged or repeated breathing of vapors. Handle and open containers with care. Keep away from heat, flame, sparks, static electricity, and other sources of ignition. Ground containers while pouring.

Storage

Keep containers closed. Keep away from heat, flame, sparks, static electricity, or other sources of ignition. Store in a cool, well-ventilated place.

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SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	OSHA PEL	ACGIH TLV
Stoddard solvent	500 ppm	100 ppm

Engineering Controls

Use appropriate ventilation to maintain airborne concentration limits below exposure limits.

Eye and Face Protection

Wear safety glasses with side shields or goggles; use face shield if splashing is possible.

Skin Protection

Wear oil or chemical resistant gloves such as nitrile; wear other protective clothing as appropriate to the work assignment.

Respiratory Protection

Use a properly fitted NIOSH respirator in areas where the exposure is unknown or above the OSHA PEL or ACGIH TLV.

General Hygiene

Follow accepted work practices for handling a combustible material. Do not ingest. Avoid breathing vapors or mists. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Avoid prolonged or repeated contact with skin, eyes and clothing. Do not eat, drink or smoke in areas where this chemical is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Black viscous paste	Flash Point	>110 °F
Specific Gravity (Water=1)	0.92 (7.7 lbs./gal)	Upper Flammability Limits	Not Determined
Evaporation Rate (ether=1)	<1	Lower Flammability Limits	Not Determined
pH	Not Applicable	Auto-ignition Temperature	Not Determined
Solubility in Water	Negligible	Decomposition Temperature	Not Determined
Odor	Asphalt	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	>1
Melting/Freezing Point	Not Determined	Partition Coefficient	Not Determined
Boiling Range	Not Determined	Viscosity	Not Applicable
Initial Boiling Point	Not Determined	Critical Temperature	Not Determined
Percent Volatiles	27	VOC	255 g/l

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Stability

Stable under normal conditions of storage and handling.

Conditions to Avoid

Sparks, fire, and extreme temperatures. Acids and oxidizing agents.

Hazardous Decomposition / Byproducts

Smoke, fumes, CO, CO₂, and other, possibly toxic, organic compounds may form or be released in a fire or at high temperature.

Hazardous Polymerization

Will not occur.

Polymerization Conditions to Avoid

Not Applicable

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SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Likely Routes of Exposure

Eyes, skin, inhalation

Inhalation

Vapors from product may cause upper respiratory tract irritation, nausea, dizziness or central nervous system (CNS) depression. Repeated or prolonged inhalation may harm liver or kidneys.

Eye Contact

Causes eye irritation.

Skin Contact

Causes skin irritation.

Ingestion

May cause abdominal irritation, nausea, vomiting and diarrhea.

Carcinogenicity

Intermittent or occasional skin contact with petroleum asphalts is not expected to have serious health effects for users of this product as long as good personal hygiene measures are followed. Skin tumors have developed in laboratory animals exposed to repeated applications of asphalt materials for their entire lifetime. The International Agency for Research on Cancer (IARC) has found that occupational exposures to oxidized asphalt and their emissions are probably carcinogenic to humans.

SECTION 12: ECOLOGICAL INFORMATION

Based on its components, this material is potentially toxic to both fresh and saltwater ecosystems.

SECTION 13: DISPOSAL CONSIDERATION

Dispose of this product in compliance with all applicable federal, state and local regulations.

SECTION 14: TRANSPORT INFORMATION

Proper Shipping Name Combustible liquid

SECTION 15: REGULATORY INFORMATION

TSCA Status All components are listed in the TSCA inventory
SARA 311/312 Reporting Categories Flammable, acute, chronic hazard
SARA 313 Reportable Ingredients None

SECTION 16: OTHER INFORMATION

NFPA Rating 2-2-1
0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=severe hazard, 4=extreme hazard

Department Issuing SDS Health and Safety

Disclaimer

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