

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

Product Name: EcoFiller

2. HAZARDS IDENTIFICATION

Classification

Classification in accordance to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200) = 1B H350

GHS Label Elements, Including Precautionary Statements

Signal Word

Danger

H350 May Cause Cancer
 P201 Obtain special instructions before use
 P202 Do not handle until all safety precautions have been read and understood
 P280 Wear eye protection, face protection, protective clothing, protective gloves
 P308 + P313 If exposed or concerned: Get medical attention
 P405 Store locked up
 P501 Dispose of contents/container to an authorized waste collection point



Describe any hazards- Hot material will burn skin.

Appearance: Black/Dark Brown **Physical State:** Solid at room temperature, liquid above softening point. **Odor:** Petroleum

Hazard Not Otherwise Classified (HNOC)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%	GHS-US classification
Extracts (petroleum), heavy paraffinic distillate solvent	64742.-04-7	0.1-20	Carc. 1B, H350
Carbon Black	1333-86-4	0-5	Carc. 2, H351 **

**Bound, not available to inhale as dust. Full text of H-phrases; see section 16.

4. FIRST AID MEASURES

Description of Necessary First-Aid Measures

General Never give anything by mouth to an unconscious person. If exposed or concerned: Get medical advice/attention.

Eye Contact Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart.

Skin Contact Drench affected area with water for at least 15 minutes.

Inhalation Remove victim to fresh air and keep at rest in position comfortable for breathing. Get medical attention/advice.

Ingestion Get Medical attention/advice if you feel unwell.

Most Important Symptoms/Effects, Acute and Delayed

Most Important Symptoms/Effects May cause cancer
 Inhalation of vapors may cause respiratory irritation.
 Heated product causes burns to skin and eyes.

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

Notes to Physician Treat Symptomatically and supportively.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Class B. Carbon dioxide. Dry chemical. Foam. Water spray

Unsuitable Extinguishing Media Do not use a heavy water stream.

Specific Hazards Arising from the Chemical

Fire hazard- When heated, material emits irritating fumes. Burning produces irritating, toxic, and noxious fumes.

Explosion hazard- Product is not explosive.

Reactivity- No dangerous reactions known.

Protective Equipment and Precautions for Firefighters

Full protective equipment, including self-contained breathing apparatus to be worn. Do not allow run-off from fire fighting to enter drains/water courses. Exercise caution when fighting any chemical fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: Avoid all eye and skin contact and do not breathe vapor and mist. Keep upwind.

For non-emergency personnel: Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Evacuate unnecessary personnel.

For emergency responders: Chemical goggles or safety glasses. Wear suitable protective clothing and gloves. Stop leak if safe to do so.

Environmental Precautions

Environmental Precautions: Do not discharge into drains or the environment.

Methods and Materials for Containment and Cleaning Up

Methods for Containment:

Methods for Cleaning Up:

Stop the flow of material, if this is without risk. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Allow the molten material to cool. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Avoid breathing vapors. Avoid contact with skin and eyes. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink, or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking when leaving work.

Conditions for Safe Storage, Including Any Incompatibilities

Storage: Store in properly closed and labeled containers away from sources of ignition. Store containers in a well-ventilated, clean, and dry area.

Incompatible Products: Strong oxidizing agents.

Specific end use: Sealant.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL
Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)	Not applicable	Not applicable
Carbon black (1333-86-4)	TWA 3.5 mg/m ³ Remark; Bronchitis	3.5 mg/m ³

Appropriate Engineering Controls

Engineering Measures: Avoid creating mist or spray. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Use only outdoors or in a well-ventilated area.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Chemical goggles or safety glasses. Contact with hot material- risk of serious burns. Face shield.

Skin and Body Protection: Long sleeved protective clothing. Foot protection. Insulated gloves.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection. Appropriate self-contained breathing apparatus may be required.

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 at 77° F/ Liquid above softening point.
Odor: Petroleum

Appearance: Black/Dark Brown
Odor Threshold: No Information Available

<u>Property</u>	<u>Values</u>
pH	No data available
Melting Point/Range	150-250° F (65.5-121.1 ° C)
Boiling Point/Boiling Range	>600° F (>315.6° C)
Flash Point	>400° F (>204.4° C)
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
<u>Property</u>	<u>Values</u>
Flammability Limits in Air	
Upper flammability limit	No data available
Lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.0-1.9
Solubility	No data available
Solubility in other solvents	No data available
Density	8-16 lbs/gal
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	>700° F (>371.1° C)
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available
VOC Content	0%

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Conditions to Avoid: None known.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon Monoxide (CO), Hydrogen Sulfide, Aldehydes, Aromatic hydrocarbons. Irritating and/or toxic fumes may be released if burned.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Likely routes of exposure: Skin and eye contact; Inhalation
Acute toxicity: Not classified

Chemical Name	LD50 Oral (Rat)	LC50 Inhalation (Rat)
Carbon Black (1333-86-4)	>8000 mg/kg (Rat)	>4.6 mg/m ³ 4 h

Skin corrosion/irritation: Not Classified
Serious eye damae/irritation: Not Classified
Respiratory or skin sensitization: Not Classified
Germ cell mutagenicity: Not Classified
Carcinogenicity: Not Classified

Chemical Name	IRAC Group	National Toxicology Program (NTP) Status
Carbon Black (1333-86-4)	2B- Possibly carcinogenic to humans, Inhalation of dust.	Not listed in carcinogenicity class

Reproductive Toxicity: Not Classified
Specific target organ toxicity (single exposure): Not Classified
Specific target organ toxicity (repeated exposure): Not Classified
Aspiration hazard: Not Classified
Symptoms/injury after inhalation: Inhalation of vapors may cause respiratory irritation.
Symptoms/injury after skin contact: Heated product causes burns.
Symptoms/injury after eye contact: Heated product causes burns.

12. ECOLOGICAL INFORMATION

Toxicity: No information available.
Persistence and Degradability:
Carbon Black (1333-86-4): Not readily biodegradable
Bioaccumulation Potential: No information available.
Mobility in soil: No information available.
Other Adverse Effects: No information available.

Legend

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List
EINECS – European Inventory of Existing Commercial Chemical Substances

U.S. Federal Regulations

Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)- listed on the US TSCA inventory.
Carbon Black (1333-86-4)- listed on the US TSCA inventory.

International Regulations

CANADA

Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)- listed on the Canadian DSL inventory.
Carbon Black (1333-86-4)- listed on the Canadian DSL inventory.

EU Regulations

Extracts (petroleum), heavy paraffinic distillate solvent (64742-04-7)- listed on the EEC inventory
EINECS Carbon Black (1333-86-4)- listed on the EEC inventory EINECS

Classification according to Regulation (EC) No. 1272/2008

[CLP] Carc. 1B Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC

[DPD] Carc. Cat. 2; R45

National Regulations

Carbon Black (1333-86-4)-
Listed on IARC (International Agency for Research on Cancer)
Listed on PICCUS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on the Korean ECL(Existing Chemicals List)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC)

U.S. State Regulations

Carbon Black (1333-86-4)

California Proposition 65 Carcinogens List: Yes
 California Proposition 65 Developmental Toxicity: No
 California Proposition 65 Reproductive Toxicity- Female: No
 California Proposition 65 Reproductive Toxicity- Male: No

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
Asphalt	X

16. OTHER INFORMATION

NFPA	Health Hazard: 2	Flammability: 1	Instability: 0	Physical and Chemical Hazards- Personal Protection: X
HMIS	Health Hazard: 2	Flammability: 1	Physical Hazard: 0	

Full text of H-phrases:

Carc. 1B- Carcinogenicity, Category 1B
Carc. 2- Carcinogenicity, Category 2
H350- May Cause Cancer
H351- Suspected of Causing Cancer

Revision Note: No information available.

Contact **Global Soil Group**
www.GlobalSoilGroup.com
info@GlobalSoilGroup.com
 Tel. +1.305.707.4707

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