



Section 1: Identification

Table with 4 columns: Product Name, Manufacturer, Common Name(s), Physical Address, Product Code, Mailing Address, CAS #, Recommended Use, Restrictions, Telephone Number, Emergency #.

Section 2: Hazard Identification

Hazard Determining Components of Label Basalt Dust
Hazard Classes: Carcinogen (Category 1A)
Potential skin irritant and skin sensitizer (Category 1B)



Warning

Hazard Statements
H305: May be harmful if swallowed and enters airways
H316: Causes mild skin irritation
H317: May cause an allergic skin reaction
H333: May be harmful if inhaled
H335: May cause respiratory irritation
H350: May cause cancer through chronic inhalation

Precautionary Statements

Prevention

- P264: Wash skin thoroughly after handling
P261: Avoid breathing dust
P280: Use a particle mask and nitrile gloves under normal conditions

Response

- P302: If on skin: wash with plenty of soap and water
P304: If inhaled: remove person to fresh air and keep comfortable for breathing
P305: If in eyes: rinse cautiously with water for several minutes
P333: If skin irritation or rash occurs, wash area thoroughly and receive medical attention

Storage

- P402: Store in a dry place. Avoid excessive humidity or moisture.

Disposal

- P501: Dispose of contents in a compost pile, garden, or landfill in accordance with local, state, and federal regulations.



Section 3: Composition/Information on Ingredients

Ingredients: Volcanic Mineral
Hazardous
Component: Basalt Dust
CAS #: N/A
NIOSH Registry #: Not Registered

Section 4: First -Aid Measures

Inhalation: Remove person to fresh air and keep comfortable for breathing. If respiratory distress continues, seek medical attention.
Skin Irritation: Wash with plenty of soap and water. If irritation persists, seek medical attention.
Eye: Rinse cautiously with water for several minutes. If irritation persists, seek medical attention.
Ingestion: If gastrointestinal distress occurs, seek medical attention.
Allergen: This product may cause an allergic reaction. If an allergic reaction occurs, seek medical attention immediately.

May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation. This product contains basalt dust.

Section 5: Fire -Fighting Measures

Suitable Extinguishing Media: Water, regular foam, carbon dioxide, dry chemical
Unsuitable Extinguishing Media: None
Flash Point: N/A
Specific Fire -Related Hazards: None
Special Fire -Fighting Procedures: None
Unusual Fire/Explosion Hazards: None

Section 6: Accidental Release Measures

Personal Precautions: Wear a particle mask and nitrile gloves during handling
Environmental Precautions: None
Methods for Handling Spills: In case of spill: handle using nitrile gloves and wear a particle mask. Employ best-practice sanitation methods for clean-up. Utilize a vacuum or sweep the product with a broom and dispose in a garbage receptacle. There are no special emergency procedures for clean-up.

Section 7: Handling and Storage

Safe Handling: Wear gloves and a particle mask when handling and transporting. Avoid excessive humidity, contact with moisture, and extreme temperatures to retain product functionality. There are no known incompatibilities with this material.

Section 8: Exposure Control/Personal Protection

Components with limit values that require monitoring: Basalt Dust

Exposure Limit: There are no exposure limits defined for this product.

Recommended PPE and Handling Practices

Respiratory: Particle mask.

Skin Protection: Nitrile gloves

Eye Protection: Safety glasses

Hygiene: Wash hands thoroughly with soap and water

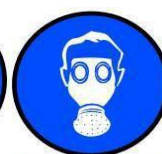
Ventilation: Ensure workspace is well-ventilated



Safety Glasses



Gloves



Particle Mask / Respirator

Section 9: Physical and Chemical Properties

| | | | |
|-----------------------|--------------------------|------------------------|---------------|
| Appearance: | Light to black powder | Melting Point: | Unknown |
| Flammability Limit s: | Unknown | Freezing Point: | Unknown |
| Odor: | Odorless | Solubility in Water: | 20% by weight |
| Odor Threshold: | Unknown | Initial Boiling Point: | Unknown |
| Vapor Pressure: | Unknown | Boiling Range: | N/A |
| Vapor Density: | Unknown | Flash Point: | Unknown |
| pH: | 6 | Evaporation Rate: | N/A |
| Relative Density: | 15-20 lb/ft ³ | Flammability: | Not flammable |
| | | Viscosity: | Unknown |

Section 10: Stability and Reactivity

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|---------------------------|--|
| Reactivity: | No specific test data is currently available |
| Chemical Stability: | Product is stable under normal temperatures and conditions |
| Conditions to Avoid: | Extreme temperatures and excessive moisture |
| Required Stabilizers: | None |
| Incompatibility: | None currently known |
| Hazardous Decomposition: | None currently known |
| Hazardous Polymerization: | Will not occur |
| Hazardous Reactions: | None currently known |



Section 11: Toxicological Information

Primary Routes of Exposure: Inhalation, skin contact, and eye contact
Symptoms of Exposure: May act as a slight irritant to the skin. Slight dermatitis may occur. May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains basalt dust. Possible allergic reactions in sensitive individuals. Rash and swelling may occur in skin. Mild respiratory distress and frequent coughing may occur. No studies currently known describing effects of delayed, immediate, or chronic effects from short- and long-term exposure.
LD50: Currently unknown
Carcinogenicity: Currently unknown
Medical Conditions Aggravated by Exposure: Allergic reaction may occur

Section 12: Ecological Information

Ecology: Product is collected from deposits located throughout the geographical area.
Ecological Effects: There are no known ecological effects
Toxicity Testing: Currently unknown
Bioaccumulation Potential: Currently unknown

Section 13: Disposal Considerations

Disposal Containers: Dispose in container for non-hazardous materials
Disposal Methods: Recommended disposal is use as fertilizer in a compost pile, garden, or other plant-based ecosystem. Alternatively, product may be disposed of in a landfill in accordance with local, state, and federal regulations.
Disposal Restrictions: Do not dispose through sewage systems. Do not burn as a method of disposal.

Section 14: Transport Information

UN Number: None assigned
UN Proper Shipping Name: None assigned
Transport Hazard Class: Non-hazardous
Environmental Hazards: None known
Guidance on Bulk Transport: Use best known practices when shipping in bulk
Special Precautions: None known



Section 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

Canada

WHMIS Classification: Considered to be a D2A and D2B hazardous material under the Hazardous Products Acts as defined by the Controlled Products Regulations and subject to the requirements of the Hazardous Products Act (HPA) and the CPR.

15.2 US Federal Information

SARA 302/311/312/313 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, 311, 312 or 313. RCRA: Basalt Dust is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR §261 et seq.

CERCLA: Basalt Dust is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR §302.

Emergency Planning and Community Right to Know Act (SARA Title III): Basalt Dust is not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.

FDA: Basalt Dust is included in the list of substances that may be included in coatings used in food contact surfaces, 21 CFR §175.300(b)(3)(xxv1).

NTP: Respirable Basalt Dust occurring in industrial and occupational settings, is classified as Known to be a Human Carcinogen.

OSHA Carcinogen: Basalt Dust is not listed.

15.3 State Right to Know Laws

California Prop. 65 Components

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

California Inhalation Reference Exposure Level (REL): California established a chronic REL of 3 µg for Basalt Dust. A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.

Massachusetts Toxic Use Reduction Act: Basalt Dust (respirable size, <10 microns) is “toxic” for purposes of the Massachusetts Toxic Use Reduction Act.

15.4 Global Inventories

DSL All components of this product are on the Canadian DSL list.

TSCA No.: Basalt Dust appears on the EPA TSCA inventory under the CAS No. 14808-60-7. All constituents are listed in the TSCA inventory.

Section 16: Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered 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 materials or in any process, unless specified in the text.

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