Safety Data Sheet

1 Product and Company Identification

Product Name: Roofing and Design Slate Products

Product uses: Various construction uses including roofing, flooring and walling

Manufacturer: Glendyne inc.
2 rue des Cèdres
St-Marc-du-Lac-Long, Qc, Canada G0L 1T0
1-418-893-7221

2 Hazard Identification



Irritant (Skin and eye)
Skin sensitizer
Respiratory Track Irritant

Main Risks: May cause a long-term health hazard if dust produced from working with slate is inhaled in excessive quantities over a long period of time (years)

Inhalation: If any respirable dust – produced whilst working the slate, is inhaled in excessive quantities over a long period (years), it may create a long-term health hazard.

Skin Contact: May cause skin irritation e.g. redness, eczema
Can cause cuts and abrasions

Contact with eyes: May cause eye irritation

Ingestion: May cause irritation is swallowed

3 Composition Information

Slate is a metamorphic rock. The composition consists of various combinations of minerals including quartz. (typical concentration < 25% crystalline silica).

4 First-Aid Measures

Inhalation: Not applicable

Skin contact: Wash skin with water. For cuts and abrasions; clean with water and apply sterile dressing if required.

Eye Contact: Wash out with clean water, seek medical attention if required

Ingestion: Wash out mouth with water & seek medical attention if required.

5 Fire Fighting Measures

Slate is not flammable

Extinguishing Media: Not applicable

Special Hazards: Not applicable

Protective Equipment: Not applicable

6 Accidental Release Measures

Personal precautions: Use appropriate protective clothing

Environmental precautions: Do not let slate fines enter the local water course, any run off should be contained

Method of cleaning up:

-on ground: Dowse with water to reduce respirable dust; however, ensure environmental precautions are implemented.

-in water: Inform the appropriate local authority

7 Handling and Storage

Precautions for safe handling: No special precautions

Conditions for safe storage: Crates should be stored on a flat and firm surface and should be stacked no higher than 3 crates high.

8 Exposure Controls/Personal protection

Appropriate engineering controls: Use local exhaust ventilation to control exposure below applicable limits

Individual Protection Measures:

Respiratory: Avoid actions that cause dust exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits. NIOSH or MSHA approved filter respirators should be used.

Eyes: When working around activities where dust can contact the eyes, wear safety glasses to avoid eye irritation.

Skin: Wear protective gloves to manipulate the slate to prevent cuts

Note: Respirable crystalline silica (RCS) has a Maximum Exposure Limit of 0.1mg/ m3 per 8-hour Time Weighted Average.

9 Physical and chemical properties

State: Solid

Colour: Unfading Black

Odour: None

pH: N/A

Melting point/Freezing point: N/A

Initial boiling point/boiling range: N/A

Flash point: N/A

Evaporation rate: N/A

Flammability: Not flammable

Vapour pressure: N/A

Vapour density: N/A

Density: 2780 kg/m³

Solubility: Not-soluble

Partition coefficient - n-octanol/water: N/A

Auto-ignition temperature: N/A

Decomposition temperature: N/A

Viscosity: N/A

10 Stability and reactivity

Reactivity: No dangerous reactions are known under normal conditions of use

Chemical stability: Stable

Possibility of hazardous reactions: None known

Conditions to avoid: None known

Incompatible materials: None known

Hazardous decomposition products: None known

11 Toxicological Information

General Information: Prolonged exposure to Respirable Crystalline Silica(RCS) slate dust may cause silicosis. Long-term exposure to high levels of RCS dust can also lead to an increased risk of developing lung cancer.

Note: If the dust given off from working with Slate is fine enough to breath into the lungs through the nose and mouth is termed "respirable". Once it is breathed in, RCS dust can be retained in the lungs for many years.

12 Ecological Information

Ecotoxicity: None known

Persistence and degradability: Non-biodegradable

Bio accumulative potential: None

Mobility in soil: None

13 Disposal Considerations

Disposal of Product: Slate is an inert material and any waste produced should be disposed of in accordance with local legal regulations.

Disposal of Packaging: Disposed of in accordance with regional or national regulations.

14 Transport Information

Not regulated

15 Regulatory Information

Supplied on request

16 Other information

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