



MATERIAL SAFETY DATA SHEET

1.0 Chemical Product and Company Identification

Product Name: Silcaride C-6; Silcaride C-6SK, Silcaride C-5, Green Silcaride No. 1 RF Grain; Silcaride RA Grains & Powders; SIKA; SIKA Green; Silcaride Wiresaw WSC; Silcaride G-21, Silcaride G-21AY

Chemical Name: SILICON CARBIDE

Company Name: Washington Mills Electro Minerals Corp.
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P.O. Box 423
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(716) 278-6600 Fax (716) 278-6654

Emergency/Technical CHEMTREC (716) 278-6763
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2.0 Composition/Information on Ingredients

Component	CAS No.	OSHA Exposure Limits (PEL)	ACGIH Rec. Limits (TLV)	Percent By Weight
Silicon Carbide	409-21-2	15 mg/m ³	10 mg/m ³	97-99
Impurities (SiO ₂ + Si + C + Fe + Al) total less than 1%				

3.0 Hazard Identification/ Potential Health Effects

Eye: May irritate eyes.

Skin: Not absorbed through the skin. May cause abrasions.

Ingestion: No known adverse effects, but ingestion not recommended.

Inhalation: May cause coughing or shortness of breath.

Chronic Effects: Can alter the course of inhalation tuberculosis leading to extensive fibrosis and progressive disease.

4.0 First Aid Measures

Eyes: Wash with large amounts of water. Get medical attention, if needed.

Skin: Wash with water. Obtain first aid or medical

assistance if needed.

Ingestion: If swallowed, seek medical attention.

Inhalation: Remove to fresh air, apply artificial respiration as needed. Get medical attention if needed.

5.0 Fire Fighting Measure

Flammable Properties: Non-flammable

Flash Point: None **Fire/Explosion Potential:** None

Upper and Lower Flammable Limits: None

Autoignition Temperature: None

Special Fire Fighting Procedures: None

6.0 Accidental Release Measures

Personal Precautions: Wear protective equipment. See Section 8.

Cleanup Measures: Normal cleanup procedures. Avoid generating dust. Dispose according to standard landfill methods consistent with applicable Federal, State and Local laws.

7.0 Handling and Storage

Normal Storage: General storage, ambient air temperature and pressure.

Handling: Avoid generating dust. Handle with adequate ventilation for dust. See OSHA 29 CFR 1910-94 (Ventilation).

8.0 Exposure Controls, Personal Protection

Engineering Control: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below PELs or TLVs.

Respiratory Protection: Recommended if TLVs or PELs are exceeded. Use NIOSH/MSHA approved respirators.

Skin and Hand Protection: Gloves as desired by user.

Eye and Face Protection: Use safety glasses with side shields. If there is potential for exposure to particles which could cause mechanical injury to the eye, wear goggles.

9.0 Physical and Chemical Properties

Appearance: Granular Black or Green

Odor: Odorless **pH:** N/A



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Boiling Point: Sublimes

Melting Point: Sublimes

Flash Point: None

Oxidizing Properties: None

Vapor Density: N/A

Water Solubility: Insoluble

Solubility in Other Solvent: Fuming KOH, Insoluble in most acids.

Explosive Properties: None

Vapor Pressure: N/A

Specific Gravity: 3.2

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof; however, Washington Mills Electro Minerals Corporation makes no expressed or implied warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.

10.0 Stability and Reactivity

Chemical Stability: Stable

Polymerization: Will not occur

Incompatibility: None

Conditions to Avoid: N/A

11.0 Toxicological Information

Not Available

12.0 Ecological Information

Not Available

13.0 Disposal Considerations

Approved landfill in accordance with all local, state and federal regulations.

14.0 Transportation Information

US DOT - Not regulated as a hazardous material

15.0 Regulatory Information

TSCA - The chemical components of this product are registered under the Toxic Substance Control Act. (Title 40 CFR Part 710).

DISTRIBUTED BY:

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MSDS 002
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