



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.
1801 Buffalo Ave.
P.O. Box 423
Niagara Falls, NY 14302
(716) 278-6600 Fax (716) 278-6654

Emergency/Technical CHEMTREC (716) 278-6763
(800) 424-9300

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

Ingestion: assistance if needed.
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

