

Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.

U.S. Department of Labor
 Occupational Safety and Health Administration
 (Non-Mandatory Form)



IDENTITY (As Used on Label and Log) Silicon Carbide *Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name PRIDE ABRASIVE, INC.	Emergency Telephone Number (414) 857-7923
Address (Number, Street, City, State, and ZIP Code) 19422 84th Street	Telephone Number for Information (414) 857-7923
City, State, and ZIP Code Bristol, WI 53104	Date Prepared 11/20/85
Signature of Preparer (optional)	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (approx)
Silicon Carbide - SiC - Black Silicon Carbide, Green Silicon Carbide Chemical Abstract Service #409-21-2				98.7%
Silicon Dioxide - SiO ₂ - Silica Chemical Abstract Service #7631-86-9				0.6%
Carbon - C Chemical Abstract Service #1333-86-4				0.3%
Nuisance Dust: 15mg/m ³ Total Dust 5mg/m ³ Respirable Dust				

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H₂O = 1)	3.20
Vapor Pressure (mm Hg)	N/A	Melting Point	2300°C
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Negligible		
Appearance and Odor	Granular, Black, Gray, Green, Odorless		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	N/A						
Special Fire Fighting Procedures	Will not burn						
Unusual Fire and Explosion Hazards	N/A						

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		
Incompatibility (Mixtures to Avoid)				N/A
Hazardous Decomposition or Byproducts				N/A
Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	X		

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Yes _____ Skin? No _____ Ingestion? No _____

Health Hazards (Acute and Chronic) N/A

Carcinogenicity: N/A NTP? _____ IARC Monographs? _____ OSHA Required? _____

Signs and Symptoms of Exposure: Choking sensation and eye irritation if work area is extremely dusty.

Medical Conditions Generally Aggravated by Exposure: N/A

Emergency and First Aid Procedures: Remove to fresh air.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Clean up by use of recommended dustless method (vacuum or water), or sweep up avoiding excessive dusting.

Waste Disposal Method: Any approved solid waste landfill method.

Precautions to Be Taken in Handling and Storage: Adequate ventilation and dust collection.

Other Precautions: Practice good housekeeping.

Section VIII — Control Measures

Respiratory Protection (Specify Type): Approved nuisance dust respirator (NIOSH TC-21C-132) eg. 3M#8710

Ventilation	Local Exhaust	Vented hoods—follow OSHA standards.	Special
	Mechanical (General)	Dust collection at source.	Other

Protective Gloves: As required

Eye Protection: As required safety glasses, goggles

Other Protective Clothing or Equipment: As required

Work Hygienic Practices: Good housekeeping