



MINNESOTA LAPIDARY SUPPLY

CHSILC

Silicon Carbide 500 mesh

~~15755 32nd Avenue North, P.O. Box 158, Plymouth, Minnesota 55349 (612) 259-3250~~

2825 Dupont Avenue South, Minneapolis, Minnesota 55408

(612) 872-7211

MATERIAL SAFETY DATA SHEET

Section I

DISTRIBUTORS NAME: MINNESOTA LAPIDARY SUPPLY CORP.
2825 Dupont Avenue South
Minneapolis, Minnesota 55408

Date:

(612) 872-7211

Item Identification: SILICON CARBIDE

Abrasive Form: Grinding wheels, sanding belts and discs, abrasive tumbling grain

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	Rs (optional)
Silicon Carbide	Chemically combined inert mineral			
Silicon dioxide; silica (not free)				

During grinding or sanding nuisance dust hazards may be created. The exposure limits for inert mineral dusts should not be exceeded.

Respirable dust	5mg/M ³	15 Mppcf	NA	NA
Total dust	15mg/M ³	50 Mppcf	NA	NA

Section III — Physical/Chemical Characteristics

Boiling Point	NA	Specific Gravity (H ₂ O = 1)	NA
Vapor Pressure (mm Hg)	NA	Melting Point	NA
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA

Solubility in Water

NA

Appearance and Odor

Granular, grey to blue/black, no odor

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	NA	Flammable Limits	LEL	UEL
			NA	NA

Extinguishing Media

Water, CO₂, or other media approved for ordinary combustible materials "Class A Fire"

Special Fire Fighting Procedures

NA

Unusual Fire and Explosion Hazards

NA

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid NA
	Stable	X	

Incompatibility (Materials to Avoid) NA

Hazardous Decomposition or Byproducts NA

Hazardous Polymerization	May Occur		Conditions to Avoid NA
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? Airborne Dust Skin? NA Ingestion? NA

Health Hazards (Acute and Chronic)
Acute : Breathing difficulty, skin, eye, nasal and respiratory irritations

Chronic: Prolonged inhalation may cause damage to the pulmonary system.

Carcinogenicity: NA NTP? NA IARC Monographs? NA OSHA Regulated? NA

Signs and Symptoms of Exposure
Deposits of material on skin, in eyes and nasal passages.

Coughing and/or breathing difficulties may be present.

Medical Conditions
Generally Aggravated by Exposure Pulmonary Disorders

Emergency and First Aid Procedures
Remove to dust free area. Irrigate eyes and/or skin with copious amounts of water.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

ORDINARY PRECAUTIONS FOR DUSTS AND PARTICULATES

Waste Disposal Method
In compliance with Federal, State and local regulations

Precautions to Be Taken in Handling and Storing
NA

Other Precautions
NA

Section VIII — Control Measures

Respiratory Protection (Specify Type) If dust limits are exceeded during sanding or grinding an approved dust-filter respirator must be used.

Ventilation	Local Exhaust Must be used to control exposure to airborne dust.	Special NA
	Mechanical (General) Hoods connected to exhaust ducts and appropriate dust collector	Other NA

Protective Gloves Wear gloves to prevent abrasion and/or skin irritation Eye Protection Wear safety glasses while sanding or grinding

Other Protective Clothing or Equipment
NA

Work/Hygienic Practices
Ordinary washing and cleanliness practices