



MATERIAL SAFETY DATA SHEET

527-0012
0030
0038
0046

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IDENTITY Coated Abrasives: Silicon Carbide	0295, 2701, 1706, 1711, 1747, 1748, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 2707, 2780, 2781, 2782, 2783,
Section I	2784, 2785, 2786, 2787, 2788, 3705, 3780, 5780
Manufacturer's Name SIA AMERICA, INC	Emergency Telephone Number (216) 821-3510
Address (Number, Street, City, State, and ZIP Code) 16123 Armour Street, NE	Telephone Number for Information (216) 821-3510
Alliance, Ohio 44601	Date Prepared May 29, 1987
	Signature of Preparer (optional) <i>G. L. Kittelson</i>

Section II — Hazardous Ingredients/Identity Information

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

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	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 NA	UEL NA
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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 and 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/Hygenic Practices
Ordinary washing and cleanliness practices