

HUDSON

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 11/26/2002

MSDS No: SiC

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Silicon Carbide Discs, Strips, Rolls, Sheets and Belts**MANUFACTURER**

Hudson Supply Company

4500 Lee Rd

Cleveland, OH 44128-2959

Customer Service: (800) 486-0480**24 HR. EMERGENCY TELEPHONE NUMBERS****CHEMTREC (U.S.):** (800) 424-9300**Emergency Phone:** (800) 424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>
Silicon Carbide	15 - 60	409-21-2
Phenol Formaldehyde Resin	6 - 35	903-35-4
Cotton backing	15 - 75	

COMPONENTS :**EXPOSURE LIMITS**

<u>Chemical Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Supplier</u>
Silicon Carbide	15 mg/m ³	10 mg/m ³ total dust	NL
Phenol Formaldehyde Resin			
Cotton backing			

COMMENTS: The above materials are not carcinogenic. Materials are regulated by OSHA 29 CFR 1910.1200, Hazard Communication and/or The Massachusetts General Law, Chapter III, Right to know Regulations.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS**EYES:** May cause significant irritation to the eyes.**SKIN:** May cause significant irritation to the skin.**INHALATION:** May cause significant irritation to the lungs, upper respiratory tract and nose.**SIGNS AND SYMPTOMS OF OVEREXPOSURE****EYES:** Redness and possible itching and/or tearing of the eyes.**SKIN:** Redness and/or itching of the skin

INHALATION: Possible coughing, burning, tightness of chest and/or shortness of breath.

SUBCHRONIC/CHRONIC TOXICITY

CARCINOGENICITY: Not Listed by NTP

Not listed by IARC

Not listed by OSHA

MEDICAL CONDITIONS AGGRAVATED: Pulmonary disorders, skin or eye disorders.

4. FIRST AID MEASURES

EYES: Flush with water, lifting upper and lower lids.

SKIN: Wash thoroughly with soap and water.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: Not Applicable

FLAMMABLE LIMITS: NA to NA

EXTINGUISHING MEDIA: Water, foam, dry chemical, carbon dioxide.

FIRE FIGHTING PROCEDURES: Backings and cured resins will burn or decompose. Use respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Ordinary precautions for dust and particulates.

7. HANDLING AND STORAGE

HANDLING: Handle and use in a manner consistent with good industrial/manufacturing techniques and practices.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: If dust is generated, provide local exhaust ventilation to control airborne levels below the ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10 mg/m³ for inhalable particles and 3 mg/m³ for respirable.

PERSONAL PROTECTION

EYES AND FACE: Wear safety glasses while sanding or grinding. OSHA 29 CFR 1910.133.

SKIN: Wear gloves to prevent abrasion and/or skin irritation.

RESPIRATORY: If airborne dust is present, use a NIOSH approved particulate respirator.

WORK HYGIENIC PRACTICES: Good personal hygiene practices should always be followed.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Cloth coated with abrasive particles which are bonded with resin binder

pH: Not Applicable

PERCENT VOLATILE: Not Applicable

VAPOR PRESSURE: Not Applicable

VAPOR DENSITY: Not Applicable

BOILING POINT: Not Applicable

SOLUBILITY IN WATER: Not Applicable

EVAPORATION RATE: Not Applicable

SPECIFIC GRAVITY: Not Applicable

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: NA = Not Applicable

11. TOXICOLOGICAL INFORMATION

COMMENTS: NA = Not Applicable

12. ECOLOGICAL INFORMATION

COMMENTS: NA = Not Applicable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: In compliance with Federal, State and local regulations for landfills.

PRODUCT DISPOSAL: Dispose of at a supervised incineration facility or an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

14. TRANSPORT INFORMATION

COMMENTS: NA = Not Applicable

15. REGULATORY INFORMATION

COMMENTS: NA = Not Applicable

16. OTHER INFORMATION

APPROVAL DATE: 11/26/2002

REVISION SUMMARY New MSDS

NFPA CODES

FIRE: 0 **HEALTH:** 1 **REACTIVITY:** 0

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.