

Section 1. Chemical Product and Company Identification

Product Code
Silca`1

Product Name
SILICON CARBIDE DISCS, SHEETS, ROLLS & STRIPS

Manufacturer's Name Mark V Laboratory, Inc.	Emergency Telephone Number CHEMTREC 800-424-9300
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Address (Number, Street, City, State, and ZIP Code) 18 Kripes Road	Telephone Number For Information (860) 653-7201
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Post Office Box 540	Date Prepared 10/20/2022
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East Granby, Connecticut 06026	Signature of Preparer (optional)
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Section 2. Composition / Information on Ingredients

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Mineral - Silicon Carbide	409-21-2	20.0- 50.0	10mg/m3	
Backing - Cloth or Paper or Film	None	15.0- 60.0	None	None
		40.0	None	None

Section 3. Hazards Identification

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EMERGENCY OVERVIEW

Prevent eye contact with dust created from grinding substrate. Avoid breathing dust from material being ground. Wear eye protection and a particulate face mask where dust is generated.

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POTENTIAL HEALTH EFFECTS:

EYE CONTACT :

Dust from abraded surface may cause mechanical irritation.

INHALATION : Overexposure to dust from abraded surface may cause respiratory irritation.

SKIN CONTACT :

No adverse health effects expected.

Product: Silicon Carbide Discs

INGESTION : No adverse health effects expected.

CHRONIC EFFECTS / CARCINOGENICITY:

TERATOLOGY (BIRTH DEFECT) INFORMATION :

REPRODUCTION INFORMATION :

Section 4. First Aid Measures

INHALATION :

Provide fresh air-treat for substrate material being abraded. **EYE CONTACT:** Flush eyes with plenty of water and call a physician if irritation persists. **SKIN**

CONTACT :

N/A

INGESTION :

N/A

NOTE TO PHYSICIAN :

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES: FLASH

POINT: N/A

METHOD USED :

FLAMMABLE LIMITS

UFL: N/A

LFL: N/A

EXTINGUISHING MEDIA :

Water, CO, Foam

FIRE & EXPLOSION HAZARDS :

None

FIRE FIGHTING INSTRUCTIONS :

None

FIRE FIGHTING EQUIPMENT :

Section 6. Accidental Release Measures

N/A

Section 7. Handling and Storage

Section 8. Exposure Controls / Personal Protection

Product: Silicon Carbide Discs

ENGINEERING CONTROLS :

RESPIRATORY PROTECTION :

SKIN PROTECTION :

EYE PROTECTION :

Wear eye protection and a particulate face mask where dust is generated.

EXPOSURE GUIDELINE (S) :

Section 9. Physical and chemical Properties

APPEARANCE :	Solid Abrasive	PHYSICAL STATE :	
BOILING POINT :	N/A	SOLUBILITY IN WATER :	N/A
EVAPORATION RATE :	N/A	SPECIFIC GRAVITY :	N/A
FREEZING POINT :	N/A	VAPOR DENSITY :	N/A
MELTING POINT :	N/A	VAPOR PRESSURE :	N/A
MOLECULAR WEIGHT :	N/A	VISCOSITY :	N/A
ODOR :	No Odor	% VOLATILE :	N/D
pH :	N/A		

Section 10. Stability and Reactivity

CHEMICAL STABILITY :

Stable

INCOMPATIBILITY :

N/D

HAZARDOUS DECOMPOSITION PRODUCTS :

Thermal Degredation will produce CO, CO₂, and smoke particulates. **HAZARDOUS**

POLYMERIZATION :

Will not occur.

Section 11. Toxicological Information

EYE :

SKIN :

INGESTION :

INHALATION :

SUBCHRONIC :

Product: Silicon Carbide Discs
CHRONIC / CARCINOGENICITY :

TERATOLOGY :

REPRODUCTION :

MUTAGENICITY :

SENSITIZATION :

Section 12. Ecological Information

ECOTOXICOLOGICAL INFORMATION :

DISTRIBUTION :

CHEMICAL FATE INFORMATION :

Section 13. Disposal Considerations

Collect material and dispose in a local sanitary landfill.

Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME :

TECHNICAL SHIPPING NAME :

D.O.T. HAZARD CLASS :

U.N. / N.A. NUMBER :

PRODUCT RQ (LBS) :

D.O.T. LABEL :

D.O.T. PLACARD :

FREIGHT CLASS BULK :

FREIGHT CLASS PACKAGE : PRODUCT

LABEL :

Section 15. Regulatory Information (Not meant to be all inclusive - selected regulation represented)

OSHA STATUS :

TSCA STATUS :

CERCLA REPORTABLE QUANTITY :

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES :

SECTION 311/312 HAZARDOUS CATEGORIES :

SECTION 313 TOXIC CHEMICALS :

RCRA STATUS :

CALIFORNIA PROPOSITION 65 :

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Section 16. Other Information

MSDS STATUS:

NOTE: The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.