

# MATERIAL SAFETY DATA SHEET

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## Section 1. Chemical Product and Company Identification

|   |   |
|---|---|
| Product Code<br>SCPPOO"1  |   |
| Product Name<br>SCP SILICON CARBIDE POWDERS 120~1000 GRIT             |   |
| Manufacturer's Name<br>Mark V Laboratory, Inc.                        | Emergency Telephone Number<br>CHEMTREC 800-424-9300 |
| Address (Number, Street, City, State, and ZIP Code)<br>18 Kripes Road | Telephone Number For Information<br>(860) 653-7201  |
| Post Office Box 540   | Date Prepared<br>July 1, 2013                       |
| East Granby, Connecticut 06026  | Signature of Preparer (optional)                    |

## Section 2. Composition / Information on Ingredients

| Component       | CAS Registry # | Wt. % | Exposure Limits |          |
|-----------------|----------------|-------|-----------------|----------|
|                 |                |       | ACGIH TLV       | OSHA PEL |
| Silicon Carbide | 409-21-2       |       | 10mg/m3         | 15mg/m3  |

## Section 3. Hazards Identification

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### EMERGENCY OVERVIEW

Not listed as a carcinogen by IARC, NTP, or OSHA. May cause slight irritation to skin, eyes and respiratory tract.

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### POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Slightly irritating, high concentrations may cause conjunctivitis, not corrosive

INHALATION: Spray mist or dry dust may cause congestion, coughing, granuloma in lungs

SKIN CONTACT: Not expected to be a skin irritant. Prolonged or repeated exposure may cause dermatitis and defatting

INGESTION: Not expected to be toxic by ingestion

Product: SCP Powders

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**Section 4. First Aid Measures**

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**INHALATION:** If inhaled, immediately remove the affected person to fresh air. If discomfort persists, seek medical attention.

**EYE CONTACT:** In case of contact with eyes, rinse immediately with plenty of water for 15 minutes. If irritation persists, seek medical advice.

**SKIN CONTACT:** Wash affected area with a waterless hand cleaner and/or soap and water. If irritation persists consult a physician.

**INGESTION:** If material is swallowed, rinse out mouth and dilute with large amounts of water. **DO NOT** induce vomiting. Consult a physician immediately.

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**Section 5. Fire Fighting Measures**

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**FLAMMABLE PROPERTIES:**

FLASH POINT: NONE

METHOD USED: NONE

**FLAMMABLE LIMITS**

LFL: NONE

UFL: NONE

**EXTINGUISHING MEDIA:** Dry Chemical foam, carbon dioxide (CO<sub>2</sub>), water fog

**GENERAL FIRE COMBUSTION HAZARDS:** Product is non-combustible

**FIRE FIGHTING EQUIPMENT / Instructions:** Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products

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**Section 6. Accidental Release Measures**

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Sweep, scoop or vacuum and remove.

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**Section 7. Handling and Storage**

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Avoid direct sunlight during prolonged storage.

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**Section 8. Exposure Controls / Personal Protection**

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**ENGINEERING CONTROLS:** Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product

**Product: SCP Powders**

RESPIRATORY PROTECTION: Appropriate NIOSH / MSHA respiratory protection must be provided

SKIN PROTECTION: Use impervious apron and boots are recommended

EYE PROTECTION: Wear safety glasses, chemical goggles, or a full face shield

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**Section 9. Physical and chemical Properties**


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|                          |                                      |                                 |               |
|--------------------------|--------------------------------------|---------------------------------|---------------|
| <b>APPEARANCE:</b>       | Crystalline green<br>to black powder | <b>PHYSICAL STATE:</b>          | Solid         |
| <b>BOILING POINT:</b>    | N/A                                  | <b>SOLUBILITY IN<br/>WATER:</b> | H2O insoluble |
| <b>EVAPORATION RATE:</b> | N/A                                  | <b>SPECIFIC GRAVITY:</b>        | 3.2           |
| <b>FREEZING POINT:</b>   |                                      | <b>VAPOR DENSITY:</b>           | N/A           |
| <b>MELTING POINT:</b>    | N/A                                  | <b>VAPOR PRESSURE:</b>          | N/A           |
| <b>MOLECULAR WEIGHT:</b> |                                      | <b>VISCOSITY:</b>               | N/A           |
| <b>ODOR:</b>             | Odorless                             | <b>% VOLATILE:</b>              |               |
| <b>PH in WATER:</b>      | 50gm/400ml<br>20C 8-10 SU            |                                 |               |

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**Section 10. Stability and Reactivity**


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CHEMICAL STABILITY: This is a stable material

INCOMPATIBILITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS Polymerization: None

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**Section 11. Toxicological Information**


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EYE: May cause temporary eye irritation.

SKIN: Prolonged contact may cause redness and irritation.

INGESTION: No harmful effects expected in amounts likely to be ingested by accident.

INHALATION: Not relevant at normal room temperatures.

Product: SCP Powders

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**Section 12. Ecological Information**

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ECOTOXICITY: The product is not expected to be hazardous to the environment

MOBILITY: This product is not soluble in water

DEGRADABILITY: The degradability of the product has not been stated

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**Section 13. Disposal Considerations**

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**US EPA Waste Number and Descriptions****General Product Information:** Wastes must be tested using methods described in 40 CFR Part 261 for determination.**Component Waste Numbers:** No EPA Waste Numbers are applicable**DISPOSAL INSTRUCTIONS:****Waste Material:** Dispose of waste material according to Local, State, and Federal regulations**Contaminated Packaging:** Dispose of contaminated packaging as residue

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

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D.O.T. SHIPPING NAME: N/A

TECHNICAL SHIPPING NAME: N/A

D.O.T. HAZARD CLASS: N/A

U.N. / N.A. NUMBER: N/A

PRODUCT RQ (LBS): N/A

D.O.T. LABEL: N/A

D.O.T. PLACARD: N/A

FREIGHT CLASS BULK: N/A

FREIGHT CLASS PACKAGE: N/A

PRODUCT LABEL: SCP120 ~ 1000 (1 ~ 5)

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

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OSHA STATUS: No

TSCA STATUS: No

CERCLA REPORTABLE QUANTITY: N

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: No

SECTION 311/312 HAZARDOUS CATEGORIES: No

SECTION 313 TOXIC CHEMICALS: No

RCRA STATUS: No

CALIFORNIA PROPOSITION 65: N/A

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**Section 16. Other Information**

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**OTHER INFORMATION**

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