

CRYSTAL MARK, INC.

A SWAN TECHNOLOGIES CORPORATION
613 Justin Avenue • Glendale, California 91201-2396
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MATERIAL SAFETY DATA SHEET

Flammability: 0
Health: 0
Reactivity: 0
Hazard: 0
Rating consistent with NFPA code.

SECTION I - PRODUCT IDENTIFICATION

Trade Name: Micro graded Black Silicon Carbide 38 (63microns)
Date Prepared: 05-14-09
Manufacturer's Name: **CRYSTAL MARK, INC.**
613 Justin Avenue
Glendale, CA 91201
Phone Number: (818) 240-7520

SECTION II – INGREDIENTS

Chemical Names: Silicon Carbide (SiC) @ 98. +%
CAS Numbers: 409-21-2

SECTION III - PHYSICAL DATA

Boiling Point: N/A
Melting Point: 2350 C
Specific Gravity: 3.2
Vapor Pressure: N/A
Vapor Density: N/A
Evaporation Rate (Butyl Acetate=1): N/A
Solubility in Water: N/A
Solubility in Alcohol: Insoluble
Appearance and Odor: Black Crystalline, no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A
Auto Ignition Temperature: N/A
Flammable Limits: LEL: N/A UEL: N/A
Extinguishing Media: Water Spray, N/A; Carbon Dioxide, N/A; Foam, N/A; Dry Chemical, N/A
Special Firefighting Procedures: None
Unusual Fire and Explosion Hazards: Sub micron materials can ignite.

SECTION V - HEALTH HAZARD DATA

Effects of Overexposure [Conditions to Avoid]:

Inhaled - May cause coughing, shortness of breath.

Exposure Limits in Air;

ACGIH, TLV: 10 mg/m³

OSHA, PEL: 15 mg/m³

Contact with Skin and Eyes - May irritate eyes

Absorbed through Skin - Not absorbed, may cause abrasion.

Swallowed - No known adverse effects, ingestion not recommended.

Health Effects or Risk from Exposure:

Acute - May cause shortness of breath.

Chronic - May affect breathing capacity.

Emergency and First Aid Procedures:

Eye Contact - Wash with large amount of water, obtain first aid if needed.

Skin Contact - Obtain first aid if needed.

Inhaled - Remove to fresh air, apply artificial respirator if needed. Obtain medical assistance.

Swallowed - Obtain first aid if needed.

Suspected Cancer Agent: No

SECTION VI - REACTIVITY DATA

Stability: STABLE

Conditions to avoid: N/A

Incompatibility (materials to avoid): N/A

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: N/A

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Normal clean up procedures, respirators may be required.

Waste Disposal Method: Disposal must be made in accordance to Federal, State and Local Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: As needed, approved dust respirator, see OSHA 29CFR1910.134

Ventilation: Handle with adequate ventilation for nuisance dust.

Protective Gloves: As desired

Eye Protection: Recommended, see OSHA 29CFR1910.133

Other Protective Equipment: NAIF

Protective Measures During Maintenance of Contaminated Equipment: See sections VII and VIII

SECTION IX - TRANSPORTATION REGULATORY REQUIREMENTS

Not regulated by D.O.T.

NAIF = No applicable information found N/A = Not Applicable

This product safety data sheet is offered solely for your information, consideration and investigation. CRYSTAL MARK, INC. provides no warranties, either express or implies, and assumes no responsibility for the accuracy or completeness of the data contained herein.

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Quality Manager

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General Manager