

SERMATECH INTERNATIONAL INCORPORATED

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SermaBond 487 Part 2
Manufacturer's Name: Sermatech International Incorporated
Address: 159 South Limerick Road, Royersford, Pa 19468
Business Telephone #: 610-474-1200
Emergency Telephone #: Chemtrec USA: 800-424-9300 or Chemtrec International: 703-527-3887
MSDS Issue Date: 06/22/05
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SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Table with 7 columns: INGREDIENT, CAS #, WT%, ACGIH-TWA, EXPOSURE GUIDELINES OSHA-PEL, EXH40, SEC 313. Row 1: Silicon Carbide No, 409-21-2, 99-100, 10 mg/m3, 10 mg/m3, 10 mg/m3.

SECTION 3 - HAZARD IDENTIFICATION

HAZARD OVERVIEW
Black powder, no odor.
Inhalation of dust may cause coughing and shortness of breath.

Potential Health Effects

- EYE: High exposure may produce irritation of eyes.
SKIN: No adverse effects expected.
INGESTION: Under normal conditions of use no adverse effects are expected.
INHALATION: Silicon carbide is considered a nuisance dust. Extreme exposures may produce irritation of respiratory system.
CHRONIC (CANCER) INFORMATION: Silicon carbide is not listed as a carcinogen by ACGIH, OSHA, IARC, NTP.
TERATOLOGY (BIRTH DEFECTS) INFORMATION: No adverse effects expected.

SECTION 4 - FIRST AID MEASURES

- EYES: Rinse with water for 15 minutes. If irritation persists, seek medical attention.
SKIN: N/A
INGESTION: Rinse mouth thoroughly with water.
INHALATION: Remove to fresh air.

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**SECTION 5 - FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:**

FLASH POINT: N/A                      METHOD: N/A

**FLAMMABLE LIMITS:**

Lower flammable limit: N/A  
Upper flammable limit: N/A

**AUTOIGNITION TEMPERATURE:** N/A

**HAZARDOUS COMBUSTION PRODUCTS:** N/A

**EXTINGUISHING MEDIA:** Will not burn or support combustion.

**FIRE FIGHTING INSTRUCTIONS:** N/A

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**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Clean up spills by scooping and brushing up. Avoid generating a dust cloud.

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**SECTION 7 - HANDLING AND STORAGE**

**HANDLING:** Avoid conditions that could create a dust laden cloud in air.

**STORAGE:** Store in original sealed containers.

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**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** N/A

**RESPIRATORY PROTECTION:** Use NIOSH/MSHA approved respirator for nuisance dusts.

**SKIN PROTECTION:** Use gloves as needed.

**EYE PROTECTION:** Use safety glasses, goggles or face shield as needed.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

<b>FORM:</b>	Black powder, no odor
<b>VAPOR PRESSURE:</b>	N/A
<b>VAPOR DENSITY:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>DENSITY:</b>	3.2 gm/cc
<b>VOC CONTENT:</b>	None

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**SECTION 10 - STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable

**INCOMPATIBILITY:** N/A

**HAZARDOUS DECOMPOSITION PRODUCTS:** N/A

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

**SKIN:** LD50 not determined

**INGESTION:** LD50 not determined

**INHALATION:** LC50 not determined

**CHRONIC/CARCINOGENICITY:** Not carcinogenic per ACGIH, OSHA, IARC, and NTP

**TERATOLOGY:** None known

**REPRODUCTION:** None known

**MUTAGENICITY:** None known

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**SECTION 12 - ECOLOGICAL INFORMATION**

**ECOTOXICOLOGICAL INFORMATION:** Not determined

**CHEMICAL FATE INFORMATION:** Not determined

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

Silicon carbide is not specifically listed as a hazardous waste under RCRA. Dispose of according to applicable local, state and federal regulations.

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**SECTION 14 - TRANSPORT INFORMATION**

Proper Shipping Name: Not regulated per DOT 49 CFR

Hazard Rating (DOT Class): Not regulated

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**SECTION 15 - REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:**

**OSHA:** This material is not hazardous per 29 CFR 1910.1200

**CERCLA:** N/A

**TSCA:** All components of this material are on the TSCA list.

**SECTION 313:**

HAZARDOUS INGREDIENTS IDENTIFIED IN THE SEC 313 COLUMN OF SECTION 1 ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372. THIS INFORMATION MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:** Not regulated

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):** This material complies with the requirements of CEPA for shipment into Canada.

**UK Classification for supply:** Not regulated.

**S24/25: Avoid contact with skin and eyes**

**STATE REGULATIONS:**

**CA PROPOSITION 65:** This material does not contain any materials known to the state of California to cause cancer, birth defects, or other reproductive harm.

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**SECTION 16 - OTHER INFORMATION**

<b>HMIS RATINGS:</b>	Health	Flammability	Reactivity		
	0	0	0		
0=Minimal	1=Slight	2=Moderate	3=Serious	4=Severe	

This information is furnished without warranty, expressed or implied; except that it is accurate to the best knowledge of Sermatech Intl. Inc. The above data relates only to the product listed.

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