

Fiber Ceramics, Inc.
Ceramic Foam Filters & Advanced Refractories

SAFETY DATA SHEET

FiberOx^R SiC

SECTION I – GENERAL INFORMATION

Manufacturer: Fiber-Ceramics, Inc.
2121 E. Norse Ave.
Cudahy, WI 53110

Emergency Contact: 414 769-8155

Product Name: FiberOx SiC, FiberOx SiC-FE, FiberOx SiC-NF, CFF SiC
Product Type: Ceramic Foam Body

SECTION II – HAZARD IDENTIFICATION

WARNING: Irritant



SECTION III – CHEMICAL COMPOSITION

<u>Hazardous Ingredients:</u>	<u>CAS #</u>	<u>%</u>
Silicon Carbide	409-21-2	45 – 55
Silicon Oxide	7631-869	10 -15
Aluminum Oxide	1344-281	35 - 45

Note: Specific percentages of chemical composition have been withheld due to proprietary information.

SECTION IV – FIRST AID MEASURES

Inhalation: Remove to fresh air.
Eyes: Flush with water for 15 minutes. Get medical attention if irritation persist.
Skin: Wash with soap and water. Get medical attention if irritation persist.
Ingestion: Do not induce vomiting. Get medical attention.

SECTION V – FIRE-FIGHTING MEASURES

Auto ignition Temp: None
Extinguishing Media: Isolate fire with sand or other inert materials. Do not use water.
Special Fighting Procedures: Avoid work practices that will cause dust clouds of the material to be formed. NIOSH approved self-contained breathing apparatus when fighting fires is recommended.
Unusual Fire and Explosion Hazards: Avoid creating dust clouds. Avoid using water where dust exist as finely divided particles.

SECTION VI – ACCIDENTAL RELEASE CONTROL MEASURES

Step to be taken in case of a spill: Control spill. Avoid work practices that create finely divided particulates during cleanup.

SECTION VII – HANDLING AND STORAGE

Eye Protection: Wear goggles or safety glasses with side shields.
Protective Gloves: Impervious gloves are recommended.
Storage: Store in dry environment. Avoid strong oxidizing agents.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION PROCEDURES

<u>Components:</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Silicon Carbide	409-21-2	45 – 55	15 mg/m3 Total dust 5 mg/m3 Respirable fraction	10 mg/m3 Non-Fibrous 0.1 f/cc Fibrous
Silicon Oxide	7631-869	10 -15	N/A	N/A
Aluminum Oxide	1344-281	35 - 45	15 mg/m3 Total dust 5 mg/m3 Respirable fraction	1mg/m3 as Al

Control Measures:

Ventilation: Local exhaust recommended, when necessary, to maintain exposure below the permissible limit.
Respiratory Protection: Use NIOSH approved respirator for exposure above permissible limit.
Protective Gloves: Impervious gloves are recommended.
Eye Protection: Dust goggles or safety glasses with side shields are recommended.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Porous light gray solid material. Odorless.
Specific Gravity ($H_2O = 1$): 3.2 g/cc
Solubility in water: None
Flash Point: None
PH: N/A
Evaporation Rate: N/A
Vapor Pressure: N/A
Vapor Density: N/A
LEL: None
UEL: None
Auto Ignition Temp: None
Boiling Point: Not determined
Melting Point: 2950 C
Flammability: None
Decomposition Temp: Not determined
Partition Coefficient: Not determined

SECTION X – STABILITY AND REACTIVITY DATA

Stability Data: Unstable_ Stable_ X
Incompatibility (Conditions to avoid) Water or moist air. Strong oxidizing agents.
Hazardous Polymerization: May Occur_ Will Not Occur_ X

Hazardous Decomposition Products: Aluminum oxide

SECTION XI – TOXICOLOGICAL INFORMATION

Effects of Overexposure:

Inhalation: May cause respiratory with prolonged inhalation of particles above the permissible limit.
Eyes: May cause irritation to outer surface of eye.
Skin: May cause irritation.
Ingestion: May cause gastrointestinal disturbances, irritation and nausea.

SECTION XII – ECOLOGICAL INFORMATION

Hazard to Ozone Layer:	Not Determined
Aquatic Toxicity Classification:	Mixture
Acute Aquatic Toxicity:	Not determined
Chronic Aquatic Toxicity:	Not determined

SECTION XIII – DISPOSAL METHODS

Dispose of in accordance with local, state, and federal regulations.

SECTION VX – TRANSPORT INFORMATION

Not Regulated

SECTION XV – REGULATORY INFORMATION

OSHA Standard for General Industry (29 CFR Parts 1910)
American Conference of Governmental Industrial Hygienist TLV's
U. S. Department of Transportation
International Maritime Dangerous Goods Code (IMDG)
RCRA Regulations 40 CFR Parts 239-284 Subtitle D

SECTION XVI – SDS PREPARATION DATE

December 2013