

MATERIAL SAFETY DATA SHEET

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SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: (As used on label and list)

**HIGH PURITY QUARTZ YARN
189, 102 SIZING**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Manufacturer's Name/Address/Phone #:

**FIBER MATERIALS, INC.
5 MORIN STREET
BIDDEFORD, ME 04005-4497
(207) 282-5911 MON-FRI 8:00-5:00**

Emergency Telephone #: INFOTRAC (800) 535-5053

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SECTION II – HAZARDOUS INGREDIENTS

Hazardous Components:

(Spec. Chemical Identity;

Common Name(s)):

CAS #:

OSHA

PEL:

ACGIH

TLV:

Other Limits

Recommended:

%

Optional:

Fused Silica
(Amorphous)

60676-86-0

80 mg/cuM
% SiO₂

0.1 mg/cuM

Respirable

* High Purity Quartz Yarn consists of fused Silica fibers. Fused Silica is amorphous and is considered to be biologically inert.

SECTION III – PHYSICAL/AND CHEMICAL PROPERTIES

Boiling Point:

2230°C

Specific Gravity (H₂O=1):

2.2

Vapor Pressure (MM Hg.):

N/A

Melting Point:

1710°C

Vapor Density: (Air = 1)

N/A

**Evaporation Rate:
(Butyl Acetate=1)**

N/A

Solubility in Water: Insoluble

Appearance and odor: Clear, glass-like to milky – white appearance, odorless fiber.

SECTION IV – FIRE/FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A

Flammable Limits: N/A

UEL: N/A **LEL:** N/A

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Local: Recommended for processing machinery where dust is generated.

Special: Not normally required.

Protective Gloves: Gloves and barrier creams if necessary.

Eye Protection: Safety goggles with side shields.

Other Protective Clothing or Equipment: Work aprons or smocks are recommended. NIOSH approved air supplied or self-contained respirator for non-routine emergency situations.

Work/Hygienic Practices: Wash thoroughly after use. Recommend laundering clothes separately.

SECTION IX – HEALTH HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Route(s) of Entry:	Inhalation	X	Skin	N/A	Ingestion	N/A
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Health Hazards (Acute and Chronic): *Avoid breathing dust. Causes moderate respiratory irritation.

Carcinogenicity: No

Signs and Symptoms of Exposure: Skin, eye and respiratory tract irritation.

Medical Conditions Generally Aggravated by Exposure: Respiratory ailments are generally aggravated by exposure, as with prolonged exposure to dust.

SECTION X – ACCIDENTAL RELEASE MEASURES

Use filtered vacuum cleaner or wet sweeping methods to collect loose material. Avoid generating airborne particles during cleanup operations.

SECTION XI – TOXICOLOGICAL INFORMATION

This section will be updated as pertinent information is documented.

SECTION XII – ECOLOGICAL INFORMATION

This section will be updated as pertinent information is documented.

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SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT Proper Shipping Name: Not DOT Regulated Material by this mode of transportation.

SECTION XV – REGULATORY INFORMATION

Waste materials are not RCRA regulated material.

SECTION XVI – OTHER INFORMATION

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their own particular purposes. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The data in this MSDS relates only to the specific material designated and does not relate to use in combination with any other material or process.