

MATERIAL SAFETY DATA SHEET

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MSDS NO. : HTMSDS2012C

PRODUCTS NAME : Fiberglass continuous filament

APPLICATION : Composite, insulation

1. HAZARD IDENTIFICATION OF THE SUBMANSTANCE

1.1.1 Appearance: White, tan, yellow

Physical state: solid, fibrous

Oder: Resin

Acute Effects

- Eyes May cause slight irritation
- Skin May cause slight skin irritation
- Inhalation May cause irritation of respiratory tract
- Ingestion Ingestion of material is unlikely

1.1.2 Chronic Effects: There is no known chronic health effect connected with long-term use or contact with these products

1.1.3 Aggravated Medical Conditions

Chronic respiratory or skin conditions may temporarily worsen from exposure to this product

1.1.4 Carcinogenic Status

This product contains a component which is listed by IARC, OSHA or NTP.
See Section 11

1.1.5 OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

1.1.6 Potential Environmental Effects

There is no known ecological information for this product

1.2. FIRST AID MEASURES

Eye contact •

- Do not rub or scratch eyes
- If eye irritation persists, consult a specialist

Skin contact • Wash off immediately with soap and cold water.

- DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers.
- DO NOT rub or scratch affected areas.

Ingestion • Accidental ingestion of this material is unlikely

• If this does occur, watch person for several days to make sure intestinal blockage does not occur

• Rinse mouth with water to remove fibers from the throat

• If symptoms persist, call a physician

Inhalation • Move to fresh air

• If symptoms persist, call a physician

1.3. FIRE-FIGHTING MEASURES

1.3.1 Flammability/Combustibility Properties

Non-flammable

1.3.2 Suitable extinguishing media

**dry chemical
foam
carbon dioxide (CO₂)
water fog**

1.3.3 Unsuitable Extinguishing Media

None

1.3.4 Hazardous Combustion Products

**Carbon Monoxide
Carbon Dioxide (CO₂)
Ammonia
Other undetermined**

compounds could be released in small quantities

1.3.5 Explosion Data

Sensitivity to Mechanical Impact Not available

Sensitivity to Static Discharge Not available

1.3.6 Special Hazards Arising from the Chemical

No unusual fire and explosions hazards are expected from this product

1.3.7 Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear

1.4 ACCIDENTAL RELEASE MEASURES

1.4.1 Personal precautions

Avoid contact with the skin and the eyes.

1.4.2 Methods for Containment

**Material will settle out of air
Prevent from spreading by covering or other means**

1.4.3 Methods for Clean-up

Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination

Avoid dry sweeping

After cleaning, flush away traces with water

1.5 HANDLING AND STORAGE

1.5.1 Handling

Avoid dust formation

Do not breathe dust

Wear personal protective equipment

1.5.2 Storage

Keep product in its packaging until use to minimize potential dust generation.

Material should be kept dry and covered

1.6.1 Engineering Controls

Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits.

Dust collection system must be used in transferring operations, cutting or machining or other dust generating process.

Vacuum or wet clean-up methods should be used

1.6.2 Personal protective equipment

1.6.2 Respiratory protection

When workers are facing concentrations above the exposure limit they must use

appropriate certified respirators such as 3M model 8210 (3M model 8271 in high humidity environments)

1.6.3 Eye/face Protection

Safety glasses with side-shields

1.6.4 Skin Protection

**Protective gloves
Long sleeved shirt and long**

pants

1.6.5 General Hygiene Considerations

Wash hands before breaks and immediately after handling the product

Avoid contact with skin, eyes and clothing

Avoid getting dust into boots and gloves through wrist bands and pant tucks

Remove and wash contaminated clothing before re-use

1.7 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink,	yellow, tan
Odor	Faint	resin (organic)
Physical State		Solid, fibrous
pH	Does	not apply
Flash point		Not available
Autoignition temperature		Does not apply
Boiling Point		Does not apply
Melting point/range		Not available
Flammability Limits in Air		lower / upper /
Explosive properties		Does not apply
Oxidizing properties		Does not apply
Vapor Pressure		Does not apply
Specific Gravity		Does not apply
Water solubility		Insoluble
VOC content		Not available

1.8 STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to avoid	None expected
Incompatible Materials	None expected
Hazardous decomposition products	See Section 5 for
hazardous decomposition products during a fire	

1.9 TOXICOLOGICAL INFORMATION

Acute toxicity

General Product Information

Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. Higher exposures may cause difficulty breathing, congestion and chest tightness.

2.1 ECOLOGICAL INFORMATION

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish

Chemical Fate

Persistence/Degradability Not available

Bioaccumulation/Accumulation Not available

Mobility in Environmental Media Not available

2.2 DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with

Local, State, Federal and Provincial regulations.

Contaminated packaging

Empty containers should be

taken for local recycling, recovery or waste disposal.

US EPA Waste Number

No EPA Waste Numbers are

applicable for this product's components.

RCRA

This material is not expected to

be a characteristic hazardous waste under RCRA

2.3 TRANSPORT INFORMATION

DOT

not regulated

TDG

not regulated

IMDG/IMO

not regulated

RID

not regulated

ADR

not regulated

ICAO

not regulated

IATA

not regulated

MEX

not regulated

END