

SAFETY DATA SHEET

Product : **Insulite_SDS_Eng**
Date Prepared : May 30th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier: Insulite_SDS_Eng
Other name / Synonym :
Company Information : Robco Inc.
Address : 7200 St.Patrick, LaSalle QC Canada H8N 2W7
Telephone : 514-367-2252
Email : info@robco.com
Website : www.robco.com

Section 2 - Hazards identification

Emergency Overview

Dust may cause mechanical irritation of skin and mucous membranes.

Inhalation

Mechanical irritation may occur upon exposure to dust or fibers from cutting this product.

Skin

Temporary mechanical irritation may occur.

Ingestion

This product is not to be ingested. If ingested, it may cause irritation to the digestive tract.

Eyes and Ears

Temporary mechanical irritation may occur.

Section 3 - Composition/information on ingredients

CAS #	Component/Ingredient	Percent by Weight
65997-17-3	Fiber Glass	>97
Proprietary	Sizing / Binder	< 3

Applicable Regulatory Information

Glass fiber and nuisance particulates may have exposure limits or additional defined regulations. See section 8 for further information.

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

GHS hazardous

Temporary mechanical abrasion (itching) of skin, eyes and respiratory tract may occur upon exposure to fibers or dust during handling of this product and cannot occur unless there is direct contact.



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Section 4 - First aid measures

Inhalation

If dust is inhaled in excess of exposure limits in section 8, remove individual to fresh air.

Skin

Wash gently with soap and water to remove dust and fibers. Do not rub or scratch infected area as this may add to irritation.

Ingestion

Rinse mouth with water. Also, drink plenty of water to help reduce the irritation. If irritation persists, seek medical attention.

Eyes

Dust particles may cause the eye to be scratched. Do not rub or scratch eyes and flush eyes with large amounts of water. If irritation persists, seek medical attention.

Ears

Wash exposed skin with soap and water. If irritation persists, seek medical attention.

Section 5 - Firefighting measures

Flash Point	Not Applicable	Method Used	Not Applicable
Upper Flammable Limit	Not Applicable	Lower Flammability Limit	Not Applicable
Auto Ignition Temperature	Not determined	Flammability Classification	Not determined
Rate of burning	Not determined		

General Fire Hazards:

No fire or explosion hazard.

Extinguishing Media:

Dry chemical, foam, carbon dioxide, and water fog.

Fire Fighting Instructions:

No special procedures necessary. Use normal fire fighting procedures.

Section 6 - Accidental release measures

Clean-Up Procedures:

Vacuum dust and pick up large pieces. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust.

Section 7 - Handling and storage

General Storage:

Material should be kept in a clean dry location.

Handling:

Use protective equipment as described in Section 8 when handling.



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Section 8 - Exposure controls/personal protection

OSHA has not adopted specific occupational exposure standards for fiber glass. Fiber glass is treated as a nuisance dust and is regulated by OSHA as a particulate not otherwise regulated shown in CFR 1910.1000 Table Z-3.

- ☐ Respirable fraction 5 mg/m³
- ☐ Total dust 15 mg/m³

This product follows the fiber glass industry (producer's) voluntary PSP, formerly NAIMA-OSHA. Under this guideline, it is recommended that exposures should be limited to the voluntary concentration of 1 f/cc TWA for fibers longer than 5 microns with a diameter less than 3 microns. The PSP also recommends PPE described below.

PERSONAL PROTECTIVE EQUIPMENT

Eyes/Face

Safety glasses are recommended to keep dust out of the eyes.

Ears

If needed, use ear protection to prevent dust or fibers from entering the ear.

Skin

Gloves should be worn to protect against mechanical irritation. Wear a cap, long-sleeved shirt and long pants to protect skin from irritation. Wash clothing separately from other clothes.

Respiratory

A respirator should be used if adequate ventilation is unavailable to keep exposure levels below the limits referenced in Section 8. When needed, use a NIOSH-certified disposable or reusable particulate respirator with efficiency rating of N95 or higher.

Ventilation

Ventilation should be provided at areas of cutting, milling or other processing to remove airborne dust and fibers.

Exposure Limits for Chemicals which may be generated at high temperature (typically >300°C)

Sulfur dioxide (present only at elevated temperatures) (7446-09-5)

- ACGIH: 2 ppm TWA
5 ppm STEL
- OSHA: 2 ppm TWA; 5 mg/m³ TWA
5 ppm STEL; 15 mg/m³ STEL

Acrolein (present only at elevated temperatures) (107-02-8)

- ACGIH: 0.1 ppm Ceiling
- OSHA: 0.1 ppm TWA; 0.25 mg/m³ TWA
0.3 ppm STEL; 0.8 mg/m³ STEL



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Acrylonitrile (present only at elevated temperatures) (107-13-1)

ACGIH: 2 ppm TWA
OSHA: 1 ppm Action Level; 2 ppm TWA; 10 ppm Excursion Limit (15 min, Skin and eye exposure prohibited.
Cancer hazard - see 29 CFR 1910.1045)

Formaldehyde (present only at elevated temperatures) (50-00-0)

ACGIH: 0.3 ppm Ceiling
OSHA: 0.5 ppm Action Level; 0.75 ppm TWA; 2 ppm STEL
(Irritant and potential cancer hazard - see 29 CFR 1910.1048)

Hydrogen cyanide (present only at elevated temperatures) (74-90-8)

ACGIH: 4.7 ppm Ceiling (as CN)
OSHA: 4.7 ppm STEL; 5 mg/m³ STEL
Prevent or reduce skin absorption

Section 9 - Physical and chemical properties

Appearance (physical state, color, etc.)	White, Fibrous
Odor	No significant odor
Odor Threshold	Not applicable.
pH	Not applicable.
Melting Point	>1300 F
Initial Boiling Point	Not applicable
Evaporation Rate	Not applicable
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity	Variable
Solubility	Nil
Partition Coefficient	Not applicable.

Section 10 - Stability and reactivity

Stability: Stable

Reactivity: Not reactive

Incompatible Material: None expected

Hazardous Polymerization: Will not occur

Hazardous Decomposition: None generated under normal storage and handling.

Section 11 - Toxicological Information

Acute Toxicity

General Product Information

Dust from this product is a mechanical irritant and may cause irritation of the throat



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and/or itching of the eyes and skin.

Component Analysis

LD50/LC50 are available for this products components.

Component Carcinogenicity

Fiber Glass Wool

IARC: Group 3 - Not Classifiable as to its carcinogenicity to humans.

NTP: Reasonably anticipated to be a human carcinogen (respirablensize)

ACGIN: A3 – Confirmed animal carcinogen with unknown relevance to humans

Chronic Toxicity

As part of the NTP 1998, 2000, 2002 from the USDHHS, classified glass wool (respirable size) as reasonably anticipated to be a human carcinogen, based on evidence of carcinogenicity in animals. This assessment was originally prepared for 1993-1994 for the 7th report on carcinogens, but has not been updated since the 10th reports on carcinogens (NTP 2002).

Section 12 - Ecological information

Will not cause harm to the environment if spilled or released.

Section 13 - Disposal considerations

Dispose of dust and loose fibers according to federal and state regulations. This material is not expected to be hazardous waste under the EPA's RCRA regulations.

Section 14 - Transport information

Transport Regulations

This product is not classified as dangerous goods according to transport regulations.

Section 15 - Regulatory information

US Federal Regulations

General Product Information

This product is not classified as hazardous under SARA 311/312.

Component Analysis

None are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

General Product Information

Glass fibers in this product are not known to be regulated. Other state regulations may apply. Check individual state requirements. This product may contain release low level or trace amounts of VOC's for a short period when exposed to elevated temperature.

WARNING: This product contains a substance known to the state of California to cause cancer:



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Component	CAS#
Acetaldehyde (potential trace decomposition)	75-07-0
Benzene (potential trace decomposition)	71-43-2
Ethylbenzene (potential trace decomposition)	100-41-4
Formaldehyde (potential trace decomposition)	50-00-0
Pyridine (potential trace decomposition)	110-86-1

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause reproductive/developmental effects.

Component	CAS#
Benzene (potential trace decomposition)	71-43-2
Toluene (potential trace thermal decomposition)	108-88-3

TSCA Status

This product is listed on the TSCA 8(b) inventory. None of the components listed in this product are listed on the TSCA Export Notification 12(b) list.

Section 16 - Other information

Disclaimer :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, storage, transportation and release and is not considered a warranty or quality specification. The responsibility for the compliance with existing law and regulations lies with the receiver of the product.