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SAFETY DATA SHEET

Product : Robco Tri-F, Tri-L Insulation

Date Prepared : May 31th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier: Robco Tri-F, Tri-L Insulation
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

Appearance and Odor: Off White Needled Blanket / No Odor.

Potential Health Effects:

Acute Inhalation: Dust from this product may cause mechanical irritation of nose, throat and respiratory tract.

Skin Contact: Exposure to this product may cause temporary irritation to the skin. Itching and possible inflammation are a mechanical reaction to the fibers and are not damaging in the way that chemical irritants may be.

Eye Contact: Dust from this product may cause temporary mechanical irritation to the eyes.

Ingestion: Ingestion of this product is unlikely. However ingestion may produce gastro-intestinal irritation and disturbances.

Medical Conditions Aggravated by Exposure: Chronic respiratory or skin conditions will not improve and may worsen with exposure to this product.

Carcinogenicity: NTP-n/a IARC-n/a OSHA-n/a

Ingredient: Vitreous Silicate

IARC: Group 3, not classifiable as carcinogenic to humans

OSHA: Not listed

Ingredient: Fibrous Glass

IARC: Group 3, not classifiable as carcinogenic to humans

OSHA: Not listed

Section 3 - Composition/information on ingredients

Ingredients:

Vitreous Silicate

Continuous Filament Glass Fiber

Section 4 - First aid measures

Inhalation:

Remove from further exposure. If Cough or other symptoms develop, seek medical attention.



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Skin Contact:

If skin becomes irritated, do not rub or scratch. Wash the affected area with soap and water.

Eye Contact:

If eyes become irritated, flush immediately with lukewarm water for 15 minutes.

Ingestion:

Drink plenty of water to reduce irritation. If irritation persists, seek medical attention.

Section 5 - Firefighting measures

Flash Point (Method Used): None

General Fire Hazards: None

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

Containment Procedures:

Pick up any large pieces. Use high efficiency vacuum to clean up spilled material. Use wet sweeping where sweeping is necessary. Do not use compressed air for clean up.

Clean-Up Procedures:

Collect material and place in a suitable container for disposal as non-hazardous waste.

Section 7 - Handling and storage

General Storage:

Use good and safe workplace practices when handling this material.

Handling:

Handling and use in a manner consistent with good industrial & manufacturing techniques and practices.

Storage:

Store in un-opened containers under cool and dry conditions.

Storage Temperature: Not Determined

Loading Temperature: Not Applicable

Section 8 - Exposure controls/personal protection

Engineering Controls:

If dust is generated, provide local exhaust ventilation to control airborne levels below ACGIH TLV-TWA exposure limit for Particulates Not Otherwise Classified of 10mg/m³ for inhalable particles and 3mg/m³ for respirable.

Personal Protective Equipment:**Eyes and Face:**

Wear safety glasses with side shields or goggles when handling this material.

Skin:

Use appropriate workplace clothing and procedures when using this material

Respiratory:

If airborne dust is present, use a NIOSH approved particulate respirator. (3M 8710)

Comments

This product contains no known OSHA hazardous ingredients per 29 CF 1910.1200 This specific type of vitreous silicate fibers are exonerated from classifications as carcinogen according to the International Agency of Cancer Research. Treo is classified group 3 (non-classifiable as a carcinogenic substance as per IARC)

Section 9 - Physical and chemical properties

Appearance (physical state, color, etc.)	Off White, Fibrous
Odor	No odor
Odor Threshold	Not Applicable
pH	7.75 – 8.00
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Specific Gravity	1.13-1.15
Water Solubility	Nil
Auto-ignition Temperature	Not Applicable
Melting Point/Freezing Point	>1193 C
Partition Coefficient: n-octanol/water	Not Applicable
Viscosity	Not Applicable available

Section 10 - Stability and reactivity

Stability: This is a stable material

Reactivity: Not reactive.

Hazardous Decomposition:

Not applicable. Contains no organic compounds that would oxidize during decomposition

Incompatible Material: None Expected

Hazardous Polymerization: Will not occur

Section 11 - Toxicological Information**Acute Toxicity:****General Product Information:**

Dusts may cause mechanical irritation to skin and eyes. Inhalation may cause coughing, nose and throat irritation or sneezing.



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Component Carcinogenicity: None known

Irritancy of the Product:

Acute Inhalation:

Dust from this product may cause mechanical irritation of the nose, throat and respiratory tract.

Skin Contact:

Dust from this product may cause temporary irritation to the skin.

Eye Contact:

Dust from this product may cause temporary mechanical irritation to the eyes.

Section 12 - Ecological information

No ecological concerns can be identified with this product

Section 13 - Disposal considerations

US EPA Waste Number and Descriptions:

General Product Information:

This product is not expected to be a characteristic waste under RCRA.

Component Waste Numbers:

No EPA Numbers are applicable for this product's components.

Disposal Instructions:

This product can be disposed of in a normal manner. Local regulations may apply.

Section 14 - Transport information

US DOT Regulations:

Primary Hazard Class / Division:

This product has no classification.

Other Shipping Information:

Product should remain in a proper container during transportation.

Section 15 - Regulatory information

US Federal Regulations:

General Product Information:

No additional information available

Component Analysis:

None of the components of this product are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

State Regulations:

General Product Information:

No Additional Information available.



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Component Analysis – State:

The Following Components appear on one or more of the state hazardous substance list:

Component	CAS#	CA	FL	MA	MN	NJ	PA
Vitreous Silicate	65997-17-3	No	No	No	Yes	No	No
Fibrous Glass	65997-17-3	No	No	No	Yes	No	No

Other Regulations:

General Product Information:

No additional Information available.

TSCA Status:

This Product and its components are listed on the TSCA 8(b) inventory. None of the components listed on the TSCA Export Notification 12(b) list.

Component Analysis – Inventory

Component	CAS#	TSCA	DSL	ELNCS
Vitreous Silicate	65997-17-3	No	No	No
Fibrous Glass	65997-17-3	No	No	No

Canada Workplace Hazardous Materials Information System (WHMIS)

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations.

Section 16 - Other information

Epidemiological Studies:

Large morbidity and mortality studies of both European and North American mineral wool manufacturing workers have been conducted with the traditional mineral wools.

The studies have found no significant evidence of non-malignant lung disease (e.g. fibrosis). The studies have not established a causal relationship between exposure to stone wool and malignant diseases (lung cancer or mesothelioma).

The new stone wool fibers are much more bio-soluble and will disappear even more rapidly than the traditional types.

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.