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SAFETY DATA SHEET

Product : Robco 700 Millboard

Date Prepared : May 5th, 2017

Section 1 - Product and Company Identification

Product Name/Identifier : Robco 700 Millboard
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

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

Not classified.

Classification according to Directive 67/548/EEC or 1999/45/EC:

Not classified.

Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

Not applicable.

Supplemental hazard information (EU):

These products are not hazardous in the form in which they are shipped by the manufacturer.

However, low levels of dust may result as a consequence of downstream activities (eg, cutting) that contains low bio-persistence mineral fibres and small amounts of quartz. FF grades 650, 700, 707, 800, 900 & 907 may contain minimal amounts of quartz as an impurity in a clay raw material.

These products do not contain substances that meet the criteria for PBT or vPvB according to Annex XIII of REACH.

Other hazards

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure, however any effects are usually temporary.

Section 3 - Composition/information on ingredients

These products are insulation boards made from varying amounts of low bio-persistence mineral fibres, and binders.

Section 4 - First aid measures

Description of First Aid Measures

General Information:

The main hazards arise from downstream activities such as cutting and machining.

Following Inhalation:

Avoid breathing dust. If breathing difficulties are experienced whilst machining, remove to fresh air or a ventilated area and seek medical advice.

Following Skin Contact:

If possible, vacuum excessive dust from clothes as well as skin and hair. Wash and clean contaminated skin with soap and clean water. Clothes should be washed professionally.

Following Eye Contact:

In case of eye contact, Irrigate abundantly with water. Seek medical attention.

Following Ingestion:

If small quantities are ingested, seek medical advice.

Self-Protection for First Aider:

Wear suitable personal protective equipment to avoid inhaling dust.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms: No symptoms expected.

Effects: No effects expected.

Indication of any Immediate Medical Attention and Special Treatment Needed

Notes for doctor: None required

Special Treatment: None required.

Section 5 - Firefighting measures

Suitable extinguishing media: Not flammable.

Unsuitable extinguishing media: Not applicable.

Hazardous combustion products: None.

Advice for fire-fighters: None required.

Section 6 - Accidental release measures**Personal precautions, protective equipment and emergency procedures****For non-emergency personnel:**

Avoid inhaling dust.

Protective equipment:

Protective clothing should be provided for operators along with protective equipment shown in Section 8.

For emergency responders:

Avoid inhaling dust.

Personal protective equipment:

Protective clothing should be provided along with protective equipment shown in Section 8.

Environmental precautions

Prevent spread of dust by dampening any dust spillages. Check local regulations before rinsing or flushing to drain.

Methods and materials for containment and cleaning up**For containment:**

Dampen down any dust spillages as soon as possible. Do not allow dust to be dispersed by wind.

For cleaning up:

Remove large pieces of board by hand and use a vacuum cleaner to remove dust. If a brush is used ensure that dust is dampened beforehand.

Do not allow dust to be dispersed by use of compressed air.

Dust and pieces of board should be packaged into impermeable plastic sacks which should be sealed. Such waste should then be disposed of according to local regulations.

Reference to other sections

Section 7 for Handling and Storage and Section 8 for protective equipment.

Section 7 - Handling and storage**Protective measures:**

No special protective measures are normally required.

Advice on safe handling:**Fire prevention:**

Products are not flammable.

Aerosol and dust generation prevention:

Small amounts of dust may be generated if boards are allowed to abrade against each other.

Environmental precautions:

No special precautions are required.

Advice on general occupational hygiene:

Wear protective clothing.

Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions:**

Both un-machined and machined boards should be packed to prevent movement, abrasion during transit and absorption of water.

Otherwise normal safe precautions for storage can be used.

To avoid damage and distortion, store on a smooth level surface, in a fully supported position off the ground and in a dry place.

Packaging materials:

Card cartons.

Requirements for storage rooms and vessels:

Dry location.

Hints on storage assembly:

Millboards are not considered to be dense materials but care should be taken not to exceed safe working loads for equipment and storage shelves or racks.

Storage class:

N/A

Materials to avoid:

No special requirements.

Further information on storage conditions:

N/A

Specific end uses:

Recommendations:

N/A

Specific end uses:

See references to dust hazards during cutting and machining, Section 4.

Section 8 - Exposure controls/personal protection

Control Parameters

Reference should be made to local and country-specific occupational exposure limits for dust, quartz and low bio-persistence mineral fibres.

UK monitoring methods can be found as follows:

MDHS 14/4 – General methods of sampling and gravimetric analysis of thoracic and inhalable aerosols.

MDHS 59 – Machine- made fibres airborne number concentration and classification by phase contrast light microscopy.

MDHS 101 – Crystalline silica in respirable airborne dusts.

NIOSH 0500 – Particulates not otherwise regulated, total

NIOSH 0600 – Particulates not otherwise regulated, respirable.

NIOSH 7400 – Asbestos and other fibres by PCM

NIOSH 7500 - Silica, crystalline, by XRD.

Exposure Controls

Fit and use appropriate local exhaust ventilation systems for cutting and machining operations.

Maintain a clean workplace using a vacuum cleaner.

Section 9 - Physical and chemical properties

Physical State Solid material	Appearance Solid sheet	Color Tan color
Odor No data available	Odor Threshold No data available	
Property	Values	
pH	No information available	
Melting point / freezing point	No information available	
Boiling Point / Boiling Range	No information available	
Flash Point	No information available	
Evaporation Rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper Explosive Limits	No information available	
Lower Explosive Limits		
Vapor pressure	No information available	
Vapor Density	No information available	
Relative density	600 to 1100 kg.m3	
Solubility	Not soluble in water	
Partition coefficient	No information available	

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Autoignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

Section 10 - Stability and reactivity

<p>Reactivity Stable and non-reactive</p> <p>Chemical Stability Stable and inert.</p> <p>Possibility of Hazardous Reaction There is the possibility of release of gaseous oxidation products from organic binders during initial heating up to around 400 °C. It is recommended that the work area is ventilated until the oxidation product gases have dispersed.</p> <p>Conditions to Avoid Exposure to water.</p> <p>Incompatible Materials None.</p> <p>Hazardous Decomposition Products None.</p>
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Section 11 - Toxicological Information

<p>Exposure is mainly to low levels of dusts generated during downstream activities such as cutting and machining. Low bio-persistence mineral fibres as used in these products have been developed to be quickly and effectively cleared from lung tissues. Repeated or prolonged inhalation of crystalline quartz may cause delayed lung damage.</p>	
Acute Effects	
Acute Inhalation Toxicity	Nose and throat irritation
Skin Irritation	Mild irritation
Eye Irritation	Irritation
Chronic Effects	
Respiratory or Skin Sensitisation	Irritation of both the respiratory tract and skin is by mechanical means and is not the result of an allergic reaction or chemical damage.

Section 12 - Ecological information

<p>Toxicity Millboard products are insoluble in water and remain stable over time. The major constituents are similar in their chemical composition to naturally occurring clays and minerals.</p> <p>Persistence and Degradability Not established.</p>
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Bio-accumulative Potential

Not established.

Mobility in Soil

No information available.

Results of PBT and vPvB Assessment

These products do not contain substances that are considered as either PBT or vPvB.

Other Adverse Effects

No other additional information available.

Section 13 - Disposal considerations**Product/Packaging Disposal:**

Packaging can be cleaned and recycled.

Waste Treatment Options:

Waste from these products may be disposed of in landfill according to local regulations.

Section 14 - Transport information

No information available

Section 15 - Regulatory information**Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture****EU Regulations**

Regulation (EC) No 1907/2006, 18th December 2006, on Regulation, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Regulation (EC) No 1272/2008, 20th January 2009, on Classification, Labelling and Packaging of Substances and Mixtures (OJL 353)

The 7th Adaptation to Technical Progress (ATP) to Regulation (EC) No 1272/2008 was published on 15th July 2015.

Worker Protection

In accordance with the following directives and their amendments:

Council Directive 89/391/EEC, 12th June 1989 on the Introduction of measures to encourage improvements in the safety and health of workers at work.

Council Directive 98/24/EC, 7th April 1998 on the Protection of workers from the risks related to chemical agents at work.

Chemical Safety Assessment

Available on request.

Section 16 - Other information**Indication of Changes**

All sections updated 31st May 2016

Product FF 1125 added to Product List

Section 1.3 amended to include corrected post code



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Abbreviations and Acronyms

None used.

Key Literature References and Sources of Data

See main sections.

Classification for Mixtures and Used Evaluation Method According to Regulation (EC) 1207/2008 [CLP]

See Section 2.

Relevant R-, H- and EUH Phrases (Number and Text)

N/A

Training Advice

See Tenmat Millboard Products Technical Brochure for information on use.

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.