SAFETY DATA SHEET
Product: Robco 700 Millboard
Date Prepared: May 5th, 2017

Section 1 - Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name/Identifier: Robco 700 Millboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other name / Synonym:</td>
</tr>
<tr>
<td>Company Information: Robco Inc.</td>
</tr>
<tr>
<td>Address: 7200 St. Patrick, LaSalle QC Canada H8N 2W7</td>
</tr>
<tr>
<td>Telephone: 514-367-2252</td>
</tr>
<tr>
<td>Email: <a href="mailto:info@robco.com">info@robco.com</a></td>
</tr>
<tr>
<td>Website: <a href="http://www.robco.com">www.robco.com</a></td>
</tr>
</tbody>
</table>

Section 2 - Hazards identification

<table>
<thead>
<tr>
<th>Classification of the substance or mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classification according to Regulation (EC) No 1272/2008 [CLP]: Not classified.</td>
</tr>
</tbody>
</table>

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 (e.g., 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

<table>
<thead>
<tr>
<th>Description of First Aid Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Information: The main hazards arise from downstream activities such as cutting and machining.</td>
</tr>
</tbody>
</table>
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.
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td>No information available</td>
</tr>
<tr>
<td>Upper Explosive Limits</td>
<td>No information available</td>
</tr>
<tr>
<td>Lower Explosive Limits</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available</td>
</tr>
<tr>
<td>Relative density</td>
<td>600 to 1100 kg.m³</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not soluble in water</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
</tr>
<tr>
<td>Property</td>
<td>Information Available</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>No information available</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
</tr>
</tbody>
</table>

**Section 10 - Stability and reactivity**

**Reactivity**
- Stable and non-reactive

**Chemical Stability**
- Stable and inert.

**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.

**Conditions to Avoid**
- Exposure to water.

**Incompatible Materials**
- None.

**Hazardous Decomposition Products**
- None.

**Section 11 - Toxicological Information**

**Exposure**
- 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.

**Acute Effects**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Inhalation Toxicity</td>
<td>Nose and throat irritation</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Mild irritation</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Irritation</td>
</tr>
</tbody>
</table>

**Chronic Effects**

<table>
<thead>
<tr>
<th>Effect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory or Skin Sensitisation</td>
<td>Irritation of both the respiratory tract and skin is by mechanical means and is not the result of an allergic reaction or chemical damage.</td>
</tr>
</tbody>
</table>

**Section 12 - Ecological information**

**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.

**Persistence and Degradability**
- Not established.
### 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)

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:

### 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
### 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.

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**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.