*** Section 1 - Product and Company Identification ***

Manufacturer/Importer Information

Therma-Tru Corporation
108 RE Jones Road
Butler IN, 46721

Emergency Phone: CHEMTREC, U.S.: (800) 424-9300
International: (703) 527-3887

Product Identifier
Foam Core Fire-Rated Door

Recommended Use
Article

Restrictions on Use
None

*** Section 2 – Hazards Identification ***

GHS Classification
Class Category-None

GHS Label Elements

Symbol(s)

Signal Word - None

Hazard Statements - None

Precautionary Statements
Prevention
None

Response
Non

Storage
None
*** Section 3 – Composition / Information on Ingredients ***

<table>
<thead>
<tr>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Rail</td>
<td>1.9%</td>
</tr>
<tr>
<td>Bottom Rail</td>
<td>1.9%</td>
</tr>
<tr>
<td>Lock Stile</td>
<td>16.9%</td>
</tr>
<tr>
<td>Hinge Stile</td>
<td>16.9%</td>
</tr>
<tr>
<td>Closure Block</td>
<td>4.6%</td>
</tr>
<tr>
<td>Foam</td>
<td>9.6%</td>
</tr>
<tr>
<td>Skin 1</td>
<td>24.1%</td>
</tr>
<tr>
<td>Skin 2</td>
<td>24.1%</td>
</tr>
</tbody>
</table>

*** Section 4 – First Aid Measures ***

First Aid: Eyes
Dust in the eyes: Particles or fibers may cause slight discomfort similar to getting dust in the eye. Flus thoroughly with water for at least 15 minutes. Get medical attention if any discomfort continues.

First Aid: Skin
Contact with dust: Particles or fibers may cause slight discomfort similar to rubbing sand against the skin. Wash with soap and water. Get medical attention if any discomfort continues.

First Aid: Ingestion
No specific first aid measures noted.

First Aid: Inhalation
In case of inhalation of dust or fumes: Get medical attention if any discomfort continues.

*** Section 5 – Fire Fighting Measures ***

General Fire Hazards
Fiberglass composite dust (from cutting operations) on and around equipment can be readily ignited and present a potential fire risk. High concentrations of fiberglass composite dust in the air can explode if exposed to flame, sparks, or other ignition sources. See Section 9 for Flammability Properties.
Hazardous Combustion Products
Carbon monoxide, carbon dioxide, and nitrogen oxides (NOx).

Extinguishing Media
Use extinguishing media suitable for the material preferably or, any extinguisher suitable for Class B fires, extinguish with foam, carbon dioxide CO$_2$, dry powder or water fog.

Unsuitable Extinguishing Media
None

Fire Fighting Equipment/Instructions
Self-contained breathing apparatus and full protective clothing should be worn when fighting chemical fires.

*** Section 6 – Accidental Release Measures ***

Recovery and Neutralization
No information available.

Materials and Methods for Clean-Up
For waste disposal see section 13 of the SDS

Emergency Measures
In its manufactured and shipped state, this product is considered to present low hazard. Processing any generate dusts and fumes with the below listed potential health effects.

Personal Precautions and Protective Equipment
No special precautions are necessary beyond normal good hygiene practices. See section 8 of the SDS for additional personal protection advice when handling or cutting this product.

Environmental Precautions
No specific precautions

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.

Prevention of Secondary Hazards
None
*** Section 7 – Handling and Storage ***

Handling Procedures
Use work methods which minimize dust production. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices.

Storage Procedures
Store away from incompatible materials. Read and follow manufacturer’s recommendations

Incompatibilities
None

*** Section 8 – Exposure Controls / Personal Protection ***

Component Exposure Limits

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA - PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foam Concentrate:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-trans-1-chloro-3,3,3-trifluoropropene</td>
<td>800ppm</td>
<td>800ppm</td>
</tr>
<tr>
<td>Fiberglass:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-Total Dust</td>
<td>15mg/m³</td>
<td>10mg/m³</td>
</tr>
<tr>
<td>-Respirable Dust</td>
<td>5mg/m³</td>
<td>3mg/m³</td>
</tr>
</tbody>
</table>

Engineering Measures
Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure to a minimum.

Personal Protective Equipment: Respiratory
When engineering controls are not sufficient to lower exposure levels below the applicable exposure limit, use a NIOSH approved respirator for dusts.

Personal Protective Equipment: Hands
Abrasion resistant gloves when handling doors with cut edges.

Personal Protective Equipment: Eyes
No specific precautions

Personal Protective Equipment: Skin and Body
No specific precautions
**Section 9 – Physical & Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Fiberglass Door</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Physical State</td>
<td>Solid</td>
</tr>
<tr>
<td>pH</td>
<td>ND</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>NA</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Melting Point</td>
<td>ND</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>ND</td>
</tr>
<tr>
<td>Octanol/H2O Coeff.</td>
<td>ND</td>
</tr>
<tr>
<td>Flash Point Method</td>
<td>NA</td>
</tr>
<tr>
<td>Upper Flammability Limit (UFL):</td>
<td>NA</td>
</tr>
<tr>
<td>Lower Flammability Limit (LFL):</td>
<td>NA</td>
</tr>
<tr>
<td>Burning Rate</td>
<td>ND</td>
</tr>
<tr>
<td>Auto Ignition Temperature</td>
<td>NA</td>
</tr>
</tbody>
</table>

NA – Not applicable

**Section 10 – Chemical Stability & Reactivity Information**

**Chemical Stability**

Stable under normal temperature conditions.

**Hazardous Reaction Potential**

Hazardous polymerization does not occur.

**Conditions to Avoid**

No specific precautions.

**Incompatible Products**

Not available

**Hazardous Decomposition Products**

No data available.

**Section 11 – Toxicological Information**

**Acute Toxicity**

A: General Product Information

Under normal conditions of intended use, this material does not pose a risk to health

B: Component Analysis - LD50/LC50

Not available
Potential Health Effects: Skin Corrosion Property
   None

Potential Health Effects: Eye Critical Damage
   None

Potential Health Effects: Ingestion
   None

Potential Health Effects: Inhalation
   None

Respiratory Organs Sensitization/Skin Sensitization
   This product is not reported to have any skin sensitization effects.

Generative Cell Mutagenicity
   This product is not reported to have any mutagenic effects.

Carcinogenicity
A: General Product Information
   This product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity
   Not applicable.

Reproductive Toxicity
   This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure
   This product is not reported to have any specific target organ effects.

Specific Target Organ General Toxicity: Repeated Exposure
   This product is not reported to have any specific target organ repeat effects.

Aspiration Respiratory Organs Hazard
   This product is not reported to have any aspiration hazard.
**Section 12 – Ecological Information**

Ecotoxicity
A: General Product Information
   This product is not expected to be hazardous to the environment.

B: Component Analysis - Ecotoxicity – Aquatic and Terrestrial Toxicity
   No ecotoxicity data are available for this product’s components

Persistence/Degradability
   No information available.

Bioaccumulation
   No information available.

Mobility in Soil
   No information available.

**Section 13 – Disposal Considerations**

Waste Disposal Instructions
   See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging
   Dispose of contents/container in accordance with local/regional/national/international regulations.

**Section 14 – Transportation Information**

DOT/IATA/IMDG/TDG Information:
   This product is not regulated as a hazardous material or dangerous goods

**Section 15 – Regulatory Information**

Regulatory Information
Component Analysis
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):
   Foam Concentrate- Components Listed
US EPCRA (SARA Title III) Section 313
Foam Concentrate- Components Listed

US EPCRA (SARA Title III) Section 311/312
Foam Concentrate- Components Listed

Canada- Controlled Product Regulations (CPR)
Fiberglass- Components Controlled

Inventory status
County(s) or region Inventory name On inventory (yes/no)*
Australia Australian Inventory of Chemical Substances (AICS) No
Canada Domestic Substance List (DSL) Yes
Europe European List of Notified Chemical Substances (ELINCS) Yes
Japan Inventory of Existing and New Chemical Substances (ENCS) No
Korea Existing Chemicals List (ECL) No
United States & Puerto Rico Toxic Substances Control Act (TSCA) Yes

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

*** Section 16 – Other Information ***

Further information
HMIS® is a registered trade and service mark of the NPCA. I – Safety Glasses, Gloves, Dust, Vapor Respirator

Disclaimer
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