1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Product: Cured Rigid Polyurethane Foam

Manufacturer:
COMMERCIAL THERMAL SOLUTIONS, INC.
524 Brighton Ave, Suite 9
Spring Lake, New Jersey 07762

Emergency Overview and Contacts
Product Information: 1-800-664-0063
International Phone: (001) 1+732.927.2090

IN CASE OF EMERGENCY CALL:
Transportation Emergency:
CHEMTREC (Domestic): 1-800-424-9300
CHEMTREC (Int’l): (703)527-3887
Reference: CHEMTREC ACCOUNT # 201586

2. COMPOSITION (HAZARDOUS COMPONENTS)

<table>
<thead>
<tr>
<th>Chemical Name (common names)</th>
<th>CAS Number</th>
<th>Percentage</th>
<th>LD50</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane Foam</td>
<td>NA</td>
<td>60 to 100 Percent</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

(Note: See Section 8 of this MSDS for Exposure Guidelines)

3. HAZARDOUS IDENTIFICATION

Physical Hazards

Potential Health Effects
The primary adverse health effects of this material are related to the dust created by sanding, grinding or cutting the cured foam. Mechanical ventilation or exhaust should be provided during this type of use/activity.

Entry Route: Effects of Overexposure

Inhalation: May irritate mucous membranes with tightness in chest (This only if dust is created during cutting, sanding or grinding of cured foam.)

Skin: Possible mechanical irritant to the skin from dust particles.

Eyes: Possible mechanical irritant to the eyes from dust particles.

Ingestion: May cause irritation of mucous membranes in the mouth and digestive tract.

4. FIRST AID

Inhalation: Move to area free of exposure. Provide fresh air and obtain medical attention.

Eye Contact: Flush with clean water for at least 15 minutes and obtain medical attention.

Skin Contact: Cured foam may be physically removed by persistent washing with soap and water. If irritation develops, use mild skin cream. If it persists, obtain medical attention.

Ingestion: NA

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry Chemical, carbon dioxide, Halon 1211, chemical foams, or water spray (if used in large quantities). Water contamination will produce carbon dioxide. Wear self-contained breathing apparatus to protect against toxic decomposition by-products, including CO, CO₂, NO, and traces of HCN. Cured foam is organic and, therefore, will burn in the presence of sufficient heat, oxygen and in ignition source.
6. ACCIDENTAL RELEASE MEASURES / DISPOSAL CONSIDERATIONS
Once the foam has cured, it can only be removed physically by scraping, buffing, etc. Dispose as plastic waste (foam plastic) in accordance with all applicable guidelines and regulations. Allow foam to fully cure before disposing. Never discard in a liquid state.

7. HANDLING AND STORAGE INFORMATION
Cured foam discolors and eventually degrades from exposure to the sun’s ultraviolet rays. Keep all applications away from open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Read all product instructions before using.
Read all product instructions before using. Personal protective equipment should include (impervious gloves, protective eye wear and suitable work clothes). Adequate ventilation should also be employed so that dust levels do not exceed recommended guidelines. A NIOSH approved dust mask is necessary if any cured foam fabrication is performed. Exercise good personal hygiene, wash thoroughly after each use.

(None of the components in this product are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.)

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off-white to yellowish solid, cellular plastic. (Note: Appearance may differ with the introduction of a dye or colorant).</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>NA</td>
</tr>
<tr>
<td>Flash Point</td>
<td>NA</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>NA</td>
</tr>
<tr>
<td>Solubility</td>
<td>NA</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>&gt;257°</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>NA</td>
</tr>
<tr>
<td>Explosion Data</td>
<td>Contents are not known to be sensitive to mechanical impact or static discharge.</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY
This product is considered stable under normal and anticipated storage and handling conditions.

11. TRANSPORTATION
Shipping Information
NA
Cured foam is a non-regulated material.

12. REGULATORY
Toxic Substances Control Act (TSCA)/Domestic Substances List (DSL):
NA
Cured foam is a non-regulated material.

SARA Title III:
NA
Cured foam is a non-regulated material.

Proposition 65:
NA
Cured foam is a non-regulated material.

V.O.C. Content:
Base on the current EPA definition of volatile organic compound, this product does not have any V.O.C. content.
13. OTHER

**NFPA:** Fire 1; Health 1; Reactivity 0  
**HMIS:** Flammability 1; Health 1; Reactivity 0

The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof. The manufacturer makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information. No representations or warranties, either expressed or implied, of merchantability or fitness for a particular use are made hereunder with respect to this information or the product to which information refers.

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**LAST REVISION:** Sept 2016  
**APPROVED BY:** Product Management  
**TFMSDS-0021C**