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MATERIAL DATA SAFETY SHEET – RIGID POLYURETHANE FOAM

Tiger Foam™

Issue Date: October 1995 Form # TFMDS-0021C Last Revision: April 2013

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)

<u>Chemical Name (common names)</u>	<u>CAS Number</u>	<u>Percentage</u>	<u>LD50</u>	<u>LC50</u>
Polyurethane Foam	NA	60 to 100 Percent	NA	NA

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

3. HAZARDOUS IDENTIFICATION

Physical Hazards

See Section 5. **FIRE FIGHTING MEASURES**

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

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

10. STABILITY AND REACTIVITY

This product is considered stable under normal and anticipated storage and handling conditions.

11. TRANSPORTATIONShipping Information

NA

Cured foam is a non-regulated material.

12. REGULATORYToxic 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**

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LAST REVISION: April 2013**APPROVED BY: Product Management****TFMSDS-0021C**