



## MATERIAL DATA SAFETY SHEET

### Tiger Foam® IGNITION BARRIER

ISSUE DATE: SEPTEMBER 2011

Form # TFMSDS-100

Last revision: September 1, 2011 2011

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Brand:** Tiger Foam® Ignition Barrier

**Chemical Product:** Intumescent Latex Coating

**Manufacturer:**

COMMERCIAL THERMAL SOLUTIONS, INC.  
6 Worthington Avenue  
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)527-38873

\*Tiger Foam® Ignition Barrier is registered by the manufacturer, COMMERCIAL THERMAL SOLUTIONS, INC.

#### 2. HAZARDS IDENTIFICATION

**Emergency Overview**

WARNING! EYE, SKIN, LUNG IRRITANT. May cause eye irritation. May cause skin irritation. Repeated exposure may cause allergic skin reaction. Skin sensitizer. Possible stomach irritation and nausea if swallowed.

**Potential Health Effects**

Use in a well ventilated area and with certified respiratory protection to avoid irritation.

**Effects of Overexposure**

**Entry Route:**

- Inhalation:** Short term exposure may cause irritation of nose, throat, and lungs.
- Eyes:** Causes irritation. Repeated exposure may cause allergic dermatitis.
- Skin:** Causes irritation. Repeated exposure may cause allergic dermatitis.
- Ingestion:** Possible stomach irritation and nausea. No other harmful effects anticipated.

If accidental contact occurs, follow the appropriate first aid procedure described in Section 4 of this MSDS.

#### 3. COMPOSITION

<b><u>Chemical Name (common names)</u></b>	<b><u>CAS Number</u></b>	<b><u>Percentage</u></b>
Triamini-s-trianzine	108-78-01	0 - 10%
Other Materials	Not Regulated	60 - 100%

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

(NOTE: See Section 11 of this MSDS for Toxicological Information- LC<sub>50</sub> and LD<sub>50</sub>)

#### 4. FIRST AID

- Inhalation:** If breathing difficulty is experienced, move to area free of exposure. Provide fresh air. If necessary, provide oxygen or artificial respiration by trained personnel and obtain medical attention.
- Eye Contact:** Flush with clean water for at least 15 minutes and obtain medical attention.

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**Skin Contact:** Use a rag to remove liquid from skin and remove contaminated clothing. Contact may cause mild irritation or temporary darkening of skin. Persistent washing with soap and water will eventually remove all residues. If irritation persists, obtain medical attention.

**Ingestion:** Drink 1 to 3 glasses of water and seek immediate medical attention. Do not induce vomiting. Never give anything orally to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Dry Chemical, carbon dioxide, or alcohol foam.

**Firefighting Procedures:** Wear self-contained breathing apparatus. Wear all turn out gear (boots, trousers, helmet, gloves, and hood).

**Unusual Fire/Explosion Hazards:** Dried solid residue is slightly combustible.

## 6. ACCIDENTAL RELEASE MEASURES / DISPOSAL CONSIDERATIONS

**Personal Precautions:** Evacuate all unnecessary personnel; contain the area if possible. Wear skin, eye, and respiratory protection and equipment. Ventilate the area.

**Environmental Precautions:** Containment should include preventing the spill from entering drains, sewers, waterways, groundwater, or soil.

**Clean Up Procedures/Neutralization:** Use Soap and Water to clean-up. Material may need to be placed in a container prior to disposal. Contact local waste disposal for guidance.

## 7. HANDLING AND STORAGE INFORMATION

**Handling:** Use only in a well ventilated area with certified respiratory protection or with a power air purifying respirator (PAPR). Wear protective glasses or goggles, neoprene gloves, and clothing that protects from dermal exposure.

**Storage:** Store at or between 40°F to 90°F (5°C to 32°C) and keep out of direct sunlight. DO **NOT** allow product to freeze. KEEP OUT OF REACH OF CHILDREN.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Read all product instructions before using.**

### Personal Protective Equipment

**Respiratory Protection:** Use products only in a well ventilated area. If applying the product with an airless sprayer, a NIOSH approved air purifying respirator equipped with an organic vapor cartridge and a particulate filter. If applying in a confined space or in an area with little or no ventilation use a powered air purifying respirator (PAPR). The type of respiratory protection selected must comply with the requirements set forth in OSHA's Respiratory Protection Standard (29 CFR 1910.134).

**Hand Protection:** Use chemically resistant gloves (i.e. Nitrile gloves). Nitrile/butadiene rubber, Butyl Rubber, polyethylene, PVC (vinyl), or neoprene gloves are also effective. Glove selection should take into account potential body reactions to certain materials and manufacturer's instructions for use.

**Eye Protection:** Use safety glasses or goggles. An eye wash station or portable eye wash bottle should be in the area.

**Skin Protection:** Avoid contact with skin. Use clothing that protects against dermal exposure.

**General Hygiene:** Do not eat, drink, or smoke while handling this product. Always use in well ventilated area. Wash after handling. Do not breathe vapors. Avoid contact with skin and hands.

### Exposure Guidelines

Triamini-s-triazine

OSHA

Not Available

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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Opaque Liquid
Odor:	Low VOC paint-like odor
pH:	7-8
Melting/Freezing Point:	32° F
Boiling Point:	212° F
Flash Point:	Not Available
Specific Gravity:	1.25
Solubility:	Not Available
Partition Coefficient N-octanol/water:	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Odor Threshold:	Not Available
Evaporation Rate:	Not Available
Flammability:	Not Available
Flammability Limits:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	Not Available

**10. STABILITY AND REACTIVITY**

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

**Materials to Avoid:** Strong oxidizers.

**11. TOXICOLOGICAL INFORMATION****Acute Toxicity:**

Inhalation: Not Available

Ingestion: Not Available

Skin: Not Available

**12. ECOLOGICAL INFORMATION**

Not Available

**13. DISPOSAL CONSIDERATIONS**

DISPOSE OF EMPTY PAILS ACCORDING TO APPLICABLE FEDERAL, STATE, PROVINCIAL AND LOCAL REGULATIONS. CHECK WITH YOUR LOCAL WASTE DISPOSAL SERVICE FOR GUIDANCE.

Pails and lids are recyclable HDPE 2 plastic. Check with your local waste disposal service for recycling guidance.

**14. TRANSPORTATION****Shipping Information****Containers Greater Than 1000 cu. cm. (1 liter)**

*Ground* **NON-REGULATED GOODS**

*DOT*

*Air*

**NON-REGULATED GOODS**

*IATA*

*Water* **NON-REGULATED GOODS**

*IMDG*

**15. REGULATORY**

**OSHA Hazcom Standard Rating:**

Non Hazardous Material

**16. OTHER****NFPA: Health Hazard 1; Flammability 1; Reactivity 0****HMIS III: Health 1; Flammability 1; Physical Hazard 0**

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BASED ON INFORMATION SUPPLIED BY MANUFACTURER**