



# MATERIAL SAFETY DATA SHEET

## THERM-O-FLEX BARRIER TO IGNITION COATING

**PRODUCT NAME:** Therm-O-Flex Ignition Barrier **HMIS CODES:** H C F R  
**PRODUCT CODE:** TF-9000 1 0 0

===== [ SECTION I - MANUFACTURER IDENTIFICATION ] =====

**MANUFACTURER'S NAME:** LaPolla Industries  
**ADDRESS:** 15402 Vantage Parkway E, Suite 322  
Houston, TX 77032

**EMERGENCY PHONE:** 281-219-4100 **DATE PREPARED:** 4-15-2008  
**INFORMATION PHONE:** 281-219-4100 **NAME OF PREPARER:** LaPolla Ind.

==== [ SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION ] =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
Antimony Trioxide	1309-64-4	0	3.2

===== [ SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS ] =====

**BOILING RANGE:** 212 F. **WPG (H2O=8.33):** 12.16 lb/gl  
**VAPOR DENSITY:** HEAVIER THAN AIR **EVAPORATION RATE:** SLOWER THAN ETHER  
**APPEARANCE & ODOR:** N/A **SOLUBILITY IN WATER:** SOLUBLE  
**COATING V.O.C.:** 99.8 g/l **COATING V.O.C.:** 0.84 lb/gl

===== [ SECTION IV - FIRE AND EXPLOSION HAZARD DATA ] =====

**FLASH POINT:** N/A **METHOD USED:** N/A  
**FLAMMABLE LIMITS IN AIR BY VOLUME - LOWER:** N/A **UPPER:** N/A

**EXTINGUISHING MEDIA:**  
Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog

**SPECIAL FIREFIGHTING PROCEDURES:**  
Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. If a large amount is involved, evacuate anyone not properly protected.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
Closed containers may explode when exposed to extreme heat.

===== [ SECTION V - REACTIVITY DATA ] =====

**STABILITY:** Stable **HAZARDOUS POLYMERIZATION:** Will Not Occur

**CONDITIONS TO AVOID:** None

**INCOMPATIBILITY:** Oxidizing materials can cause reaction.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:**

Carbon dioxide, carbon monoxide, various hydrocarbons.

===== [ SECTION VI - HEALTH HAZARD DATA ] =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

**Inhalation:** Irritates respiratory passages and eyes very slightly. May cause headache or nausea.

**SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

**Eye contact:** Direct contact irritates slightly with redness and swelling.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

**Skin contact:** Can dry and defat skin causing cracks, irritation and dermatitis.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

**Ingestion:** Can cause gastrointestinal irritation.

**HEALTH HAZARDS (Acute and Chronic):**

**ACUTE: Eyes:** Slight irritation with redness. **Skin:** No adverse effect.

**Inhalation:** Irritates respiratory passage **Ingestion:** Large amounts may cause digestive discomfort. **CHRONIC:** None known.

**\*\*\* CARCINOGENICITY \*\*\***

**NTP CARCINOGEN:** No **IARC MONOGRAPHS:** No **OSHA REGULATED:** No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Dermatitis, respiratory tract irritation.

**EMERGENCY AND FIRST AID PROCEDURES:**

**Inhalation overexposure:** Move person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration and get medical attention. **Eye contact:** Flush with large quantities of water for 15 minutes. **Skin contact:** Wash thoroughly with soap and water. Remove contaminated clothing. **Ingestion:** Do not induce vomiting, can cause chemical pneumonitis and pulmonary edema. Contact a Physician immediately. If any symptoms persist get medical attention.

===== [ SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ] =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Dike spill area and cover with inert, absorbent material and remove to disposal container. Mop with mild detergents or cleaning solutions. Observe all relevant federal, state and local laws.

**WASTE DISPOSAL METHOD:**

Consult local, state and federal waste regulations before disposing into approved waste landfills. Obey relevant laws.

**\*\* DO NOT INCINERATE CLOSED CONTAINERS \*\***

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

**Handling:** No special precautions. **Storage:** No special precautions. Use reasonable care.

**OTHER PRECAUTIONS:** BEFORE USING ANY PRODUCT, READ THE PRODUCT'S LABEL

===== [ SECTION VIII - CONTROL MEASURES ] =====

**RESPIRATORY PROTECTION:** Not required under normal conditions of use. When spraying this material use in well ventilated area.

**VENTILATION:** General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below TLV.

**PROTECTIVE GLOVES:** Gloves may be worn for protection if skin is sensitive. (latex, neoprene, nitrile rubber)

**EYE PROTECTION:** Use chemical safety glasses, goggles or faceshields for eye protection.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Use protective clothing whenever possible to prevent skin contact.

**WORK/HYGIENIC PRACTICES:** Eye wash and safety showers in the workplace are recommended.

===== [ SECTION IX - DISCLAIMER ] =====

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