

# HI-TEMP COATINGS TECHNOLOGY<sup>®</sup>

## MATERIAL SAFETY DATA SHEET

**MSDS Revision Date:** March, 2010  
**Product Name:** Hi-Temp 707 - **Product Code:** 707

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### SECTION I - Manufacturer's Identification

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**Manufacturer's Name:** Hi-Temp Coatings Technology, Inc  
629 Massachusetts Avenue  
Boxborough, MA 01719

**Emergency Phone:** +1 800-255-3924 or +001-813-248-0585  
**Information Phone:** 978-635-1110

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### SECTION II - Hazardous Ingredients

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	CAS #	% / Weight	Exposure Level
Ethylene Glycol	111-76-2	2.0	OSHA TWA 225 ppm
Monobutyl Ether			TLV TWA 25 ppm

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### SECTION III - Physical/Chemical Characteristics

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Boiling Range:	212°F	Specific Gravity (water=1)	0.64
Volatiles by Volume:	23%	Nonvolatile by Weight:	68%
Vapor Density:	Heavier than air	Evaporation Rate (BuAce=1):	>1
VOC:	< 0.1	Flash Point:	None
LEL:	None	UEL:	None

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### SECTION IV - Fire and Explosion Data

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**Flash Point** Not Applicable

**Extinguishing Media:** Not Combustible

**Special Fire Fight Procedures:** None

**Usual Fire and Explosive Hazards:** Not Combustible

#### **Handling and Storage**

**Handling:** Avoid breathing vapors. Avoid direct or prolonged contact with skin and eyes. Do not ingest.

**Storage:** Store in an area that is cool, dry, well ventilated away from combustible material; store in tightly closed containers.

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### SECTION V - Reactivity Data

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**Chemical Stability:** This material is stable under normal handling and storage conditions described above.

**Conditions to Avoid:** None

**Materials to Avoid:** None known.

**Decomposition Products:** Unknown

**Decomposition Type:** Thermal

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## Section VI Health Hazard Data

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**Acute Eye:** May cause irritation.

**Acute Skin:** Causes irritation

**Acute Inhalation:** Mists may cause upper respiratory tract irritation.

**Acute Ingestion:** May cause nausea, vomiting, diarrhea, and irritation.

**Chronic Effects:** This product does not contain any ingredient designated by IARC, NTP, ACHIH or OSHA as a probable or suspected carcinogen.

### **Emergency and First Aid Procedures**

**Eye Exposure:** Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention. If the physician is not immediately available eye irrigation should be continued for an additional 15 minutes. If it is necessary to transport the patient to a physician and the eye needs to be bandaged use a dry sterile cloth pad and cover both eyes.

**Skin Exposure:** Immediately wipe excess material off skin with a dry cloth then wash with plenty of soap and water for at least five minutes. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before re-use.

**Inhalation:** Remove patient from immediate source of exposure and assure that the patient is breathing. If breathing is difficult, administer oxygen if available. If patient is not breathing, administer CPR (cardio-pulmonary resuscitation). Seek medical attention.

**Ingestion:** Seek immediate medical attention. Do not leave patient unattended.

### **Medical Conditions Possibly Aggravated by Exposure:**

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema, or bronchitis. Skin contact may aggravate existing skin disease.

**Notes to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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## SECTION VII Spill or Leak Procedures

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**Cleanup and Disposal of Spill:** Clean up residual material by washing with water.

**Environmental and Regulatory Reporting:** Prevent material from entering public sewer system or any waterways. Large spills should be handled according to a predetermined plan.

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## SECTION VIII Special Protection Information

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**Engineering Controls:** Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures.

**Ventilation:** Provided local exhaust ventilation at the point of generation.

**Respiratory Protection:** When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.

**Skin Protection:** Use chemical resistant gloves to prevent skin contact. Examples: Neoprene or Nitrile. Skin contact should be prevented through the use of suitable protective clothing, gloves and footwear selected with regard for use conditions and exposure potential. Consideration must be given both to durability as well as permeation resistance.

**Eye Protection:** Eye and face protection requirements will vary dependent upon environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.

**Work Practice Controls:** Personal hygiene is an important work practice exposure control measure and the following general measure should be taken when working with and handling of this material.

1. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
2. Wash exposed skin promptly to remove accidental splashes or contact with this material.

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## **SECTION IX**            **Regulatory Information**

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**TSCA Status:** On TSCA Inventory

SARA Title III, Section 313:

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## **SECTION X**            **Other**

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