

HI-TEMP COATINGS

TECHNOLOGY[®]

MATERIAL SAFETY DATA SHEET

MSDS Revision Date: March, 2010

Product Name: Heat Coat Water Base **Product Code:** 400-series

HMIS CODES: H F R P

*0 0 X

SECTION I Manufacturer's Identification

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

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

SECTION II Hazardous Ingredients

	CAS #	% / Wgt.	Exposure Level	
Xylene, Mixed Isomers	1330-20-7	1.16%	OSHA-TWA	100 ppm
			OSHA-STEL	150 ppm
			TLV - TWA	100 ppm
			TLV - STEL	150 ppm
Ethylene Glycol Monobutylether	111-76-2	1.1%	OSHA TWA	25 ppm
			TVL - TWA	25 ppm
Ethylbenzene	100-41-4	0.7%	OSHA - TWA	100 ppm
			OSHA - STEL	125 ppm
			TLV - TWA	100 ppm
			TLV - STEL	125 ppm

SECTION III Physical/Chemical Characteristics

Boiling Range: 282°F-336°F/139°C - 169°C

Volatiles by Volume: 62.66%

Vapor Density: Heavier than Air

VOC: 0.74

LEL: N/A

Specific Gravity (water=1): 1.09

Nonvolatile by Weight: 42.90%

Evaporation Rate (BuAce=1): < 1

Flash Point: None

UEL: N/A

SECTION IV Fire and Explosion Data

Flash Point - Not applicable

Extinguishing Media - Not combustible.

Special Fire Fighting Procedures - None.

Usual Fire and Explosive Hazards - not combustible.

SECTION VII Spill or Leak Procedures

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. For assistance in developing a plan contact the Technical Service Department using the Product Information phone number in Section 1.

SECTION VIII Special Protection Information

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 - Provide 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 Nitril. 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 work 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 measures should be taken when working with or handling this material:

- (1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.

SECTION IX Regulatory Information

TSCA Status: On TSCA Inventory

SARA Title III, Section 313:

Acute Health Hazard		
XYLENE (MIXED ISOMERS)		1%
ETHYLENE GLYCOL MONOBUTYL ETHER	1%	
ETHYL BENZENE		0.3%
FORMALDEHYDE		0.01%

SECTION X Other Precautions

The information and recommendations contained herein are based on data believed to be correct. However, Hi-Temp Coatings Technology makes no warranty expressed or implied regarding the accuracy of this data. Hi-Temp Coatings Technology assumes no responsibility for personal injury or property damage caused by the use of the material described herein. It is the responsibility of the purchaser or user to ensure that this material is properly and safely used.