

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Thermo adhesive

HMS CODES: H F R P
1 3 0 K

PRODUCT CODE: THERMO

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: INDUSTRIAL COATINGS
ADDRESS: 5521 Mitchelldale, Houston, Texas 77092
EMERGENCY PHONE: 1-800-424-9300

INFORMATION PHONE: 713-686-3411

DATE REVISED : 03-01-14

NAME OF PREPARER : Larry Hannusch

REASON REVISED : Update

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

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
*xylene	1330-20-7	100ppm	100ppm		6.6 68F	80

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

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

BOILING POINT: 282 Deg F SPECIFIC GRAVITY (H2O=1): 0.9

VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE:
SLOWER THAN ETHER

MATERIAL V.O.C.: 6.08 LB/GL (729 G/L)

SOLUBILITY IN WATER:
Negligible

APPEARANCE AND ODOR:
Clear liquid with aromatic odor.

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

FLASH POINT: 81 Deg F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.0% UPPER: 7.0%
%

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIREFIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect firefighters and help cool closed containers. Use full bunker gear when entering confined fire space. Use NIOSH approved positive pressure self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may burst in the presence of extreme heat. Isolate containers from open flame, heat, sparks, electrical equipment, and oxidizers. Applying to hot surfaces requires special precautions. Empty containers are considered very hazardous due to the residual fumes present.

SECTION V - REACTIVITY DATA

STABILITY: STABLE**CONDITIONS TO AVOID**

Isolate from extreme heat, open flame, sparks, electrical equipment, and strong oxidizers.

INCOMPATIBILITY (MATERIALS TO AVOID)

Isolate from strong oxidizers such as permanganates and peroxides.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

CO from burning.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Dizziness, loss of equilibrium, nausea.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN: Possible rash, defatting, dermatitis.

EYES: Redness, tearing, blurred vision.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Dermatitis, irritation; absorption through the skin increases exposure and may be harmful.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Nausea, dizziness, abdominal irritation, vomiting, diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: Respiratory irritation, headaches, dermal irritation; may be fatal if swallowed.

CHRONIC: Vapor harmful, absorption through the skin may be harmful. Vapor and liquid can cause eye irritation.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

Not established. Overexposure may increase cancer risk.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Persons with severe skin, liver, or kidney problems should avoid use.

EMERGENCY AND FIRST AID PROCEDURES

In case of contact with skin, wash thoroughly with soap and water. For eyes, immediately flush with plenty of water for 15 minutes and CALL A PHYSICIAN. Remove and wash contaminated clothing before reuse. After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. If swallowed, do not induce vomiting and call a physician immediately.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Stop spill at source. Dike area and contain. Pump spilled material into approved DOT containers. Remove remainder with absorbent material and also place in approved DOT containers.

WASTE DISPOSAL METHOD

Dispose of waste by legal means complying with local, state, and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid free fall of material as this can lead to static discharge. Keep containers a safe distance from fire and heat. Empty containers should be considered very hazardous because of the residual vapors.

OTHER PRECAUTIONS

Do not drop containers. Store containers a safe distance from ignition sources.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

If air is over specified TLV, use NIOSH approved positive-pressure self-contained breathing apparatus in accordance with 29 CFR 1910.134.

VENTILATION

Local exhaust necessary, (mechanical acceptable), using only explosion proof equipment.

PROTECTIVE GLOVES

Wear OSHA standard gloves.

EYE PROTECTION

Always wear protective goggles when handling this material.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Wear gloves, apron, and footwear impervious to this material. Wash clothing prior to reuse.

WORK/HYGIENIC PRACTICES

Always wash hands and skin with soap and water after using this product.

===== SECTION IX - DISCLAIMER =====

DISCLAIMER

The information herein is given in good faith, but no warranty, expressed or implied, is made. These recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. Buyer assumes all risks and liabilities in using this product.

***** Section X *****-TRANSPORTATION *****

D.O.T. Shipping Name	Paint
Technical Shipping Name	Thermo Adhesive Primer
D.O.T. Hazard Class	3 (Flammable Liquid)
UN number	UN 1263
Packing Group	II
D.O.T. Labels Required	Flammable Liquid
NMFC Item	Class 55