

**MATERIAL SAFETY DATA SHEET**  
**FOR COATINGS, RESINS AND RELATED MATERIALS**

## SECTION I - GENERAL INFORMATION

SECTION 5 199

AUG. 10, 1989  
ENVIRONMENTAL

MANUFACTURED BY: COURTAULDS COATINGS      EMERGENCY 24 HOURS CALL: 1-800-854-6813  
400 S. 13TH STREET      INFORMATION 8AM - 5PM EST: 502-588-9200  
LOUISVILLE, KY 40203      EFFECTIVE DATE: AUG. 10, 1989

MANUFACTURER'S IDENTIFICATION CODE: T-5 THINNER      HMIS-H-2  
(GTA007)      F-3  
PRODUCT CLASS : HYDROCARBON SOLVENT      R-0  
TRADE NAME: T-5 THINNER

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	PERCENT BY WT.		OCCUPATIONAL EXPOSURE LIMIT		VAPOR PRESS. @ 20 C
		A	B A+B	TLV (PPM)	PEL (PPM)	
*XYLENE	1330-20-7	100	NO B	100	100	5MMHG

\*THIS IS A TOXIC CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

INHALATION OF SOLVENT VAPOR MAY CAUSE NOSE AND THROAT IRRITATION, PLUS NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, NAUSEA, HEADACHE OR SLEEPINESS. DIRECT EYE OR SKIN CONTACT MAY CAUSE MODERATE TO SEVERE IRRITATION. SOLVENT CAN BE ABSORBED INTO THE BODY THROUGH THE SKIN. LONG-TERM OVEREXPOSURE OR INTENTIONAL INHALATION OF VAPOR MAY CAUSE KIDNEY AND NERVOUS SYSTEM DAMAGE, LIVER AND HEART ABNORMALITIES AND BLOOD CHANGES.

## SECTION III - PHYSICAL DATA

BOILING RANGE: 279 F.	PERCENT VOLATILE BY VOLUME: 100
WEIGHT PER GALLON: 7.2 LBS.	VAPOR DENSITY: XX HEAVIER THAN AIR _____ LIGHTER THAN AIR
EVAPORATION RATE: _____ FASTER THAN ETHER XX SLOWER THAN ETHER	

## SECTION IV - FIRE &amp; EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: FLAMMABLE, CLASS IC  
DOT FLAMMABLE

FLASH POINT: 80 F.

LEL: 0.7-1.0

EXTINGUISHING MEDIA: XX\_ FOAM      \_\_\_ ALCOHOL FOAM      XX\_ DRY CHEMICAL  
                         \_\_\_ WATER FOG      XX\_ CARBON DIOXIDE      \_\_\_ OTHER

UNUSUAL FIRE & EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. IN THE ABSENCE OF ELECTRICITY, A WATER SPRAY (A FOG NOZZLE IS PREFERRED) MAY BE USED TO COOL CONTAINERS. AVOID EXPOSURE TO DECOMPOSITION. WEAR SELF-CONTAINED BREATHING APPARATUS. REFER TO D.O.T P 5800.3 "1984 EMERGENCY RESPONSE BOOK: GUIDEBOOK FOR HAZARDOUS MATERIALS' INCIDENTS" GUIDE NO. 26, ID NO. 1263.

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: INHALATION: IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM CAUSING HEADACHE, DIZZINESS OR NAUSEA.

ACUTE: EYE AND SKIN: PRIMARY IRRITATION.

CHRONIC: NONE RECOGNIZED.

EMERGENCY FIRST AID PROCEDURES: VAPORS: REMOVE FROM EXPOSURE. KEEP WARM AND QUIET. NOTIFY PHYSICIAN. SPLASH IN EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO PHYSICIAN FOR MEDICAL TREATMENT. SPLASH ON SKIN: WASH AFFECTED AREAS WITH LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING.

## SECTION VI - REACTIVITY DATA

STABILITY: \_\_\_UNSTABLE      XX\_STABLE

INCOMPATABILITY (MATERIALS TO AVOID): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY PRODUCE CARBON DIOXIDE AND CARBON MON-OXIDE.

HAZARDOUS POLYMERIZATION: \_\_\_MAY OCCUR      XX\_\_\_WILL NOT OCCUR

CONDITIONS TO AVOID: NONE KNOWN.

---

SECTION VII - SPILL OR LEAK PROCEDURES

---

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

REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES, AND ELECTRICAL, STATIC OR FRICTION SPARKS). AVOID BREATHING VAPORS, WEAR APPROVED (NIOSH OR MHSA) RESPIRATOR, AND VENTILATE AREA. REMOVE WITH INERT ABSORBANT SUCH AS SAND, KITTY LITTER, ETC. AND USE NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD: DISPOSE OF IN A SAFE MANNER IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS THAT APPLY TO INCINERATION OR SECURE LANDFILL.

---

SECTION VIII-SPECIAL PROTECTION INFORMATION

---

RESPIRATORY PROTECTION: IN OUTDOOR OR OPEN AREAS WITH UNRESTRICTED VENTILATION, USE NIOSH/MHSA-APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY DURING SPRAY APPLICATION. IN RESTRICTED VENTILATION AREAS, USE NIOSH/MHSA-APPROVED MECHANICAL FILTER RESPIRATORS DESIGNED TO REMOVE PARTICULATES, GAS AND VAPOR. IN CONFINED AREAS, USE NIOSH/MHSA AIR-LINE RESPIRATORS AND HOOD.

VENTILATION INFORMATION: PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN A VOLUME AND PATTERN TO KEEP THE THRESHOLD LIMIT VALUES (TLV) BELOW THE STATED OSHA LIMITS AND THE LOWER EXPLOSION LEVEL (LEL) BELOW THE STATED LIMIT AND TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING AND FLAME CUTTING OF SURFACES COATED WITH THIS PRODUCT.

PROTECTIVE GLOVES: MANDATORY FOR PROLONGED OR REPEATED CONTACT. USE A HEAVY-DUTY RUBBER GLOVE, SUCH AS NEOPRENE TYPE GLOVE. EYE PROTECTION: MANDATORY; USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS. OTHER PROTECTIVE EQUIPMENT: AS NEEDED-USE BODY PROTECTION, SUCH AS RUBBER APRON, ETC.

---

SECTION IX - SPECIAL PRECAUTIONS

---

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: SECURE CLOSURES AND KEEP CONTAINERS UPRIGHT TO PREVENT LEAKAGE. STORE LARGE QUANTITIES ONLY IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. OTHER PRECAUTIONS: DO NOT STORE ABOVE 120 F. DO NOT TAKE INTERNALLY. BEFORE SMOKING OR EATING, WASH HANDS THOROUGHLY. DO NOT GET IN EYES OR ON SKIN. AVOID BREATHING VAPORS OR SPRAY MIST. DO NOT STORE OR USE NEAR HEAT, SPARKS OR OPEN FLAME. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT FLAME CUT, BRAZE, OR WELD WITHOUT NIOSH/MHSA-APPROVED MECHANICAL FILTER RESPIRATOR OR APPROPRIATE AND ADEQUATE VENTILATION. ALL ELECTRICAL EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. WORKMEN ARE REQUIRED TO USE ONLY NON-FERROUS TOOLS AND WEAR NON-SPARKING SHOES IN AREAS WHERE EXPLOSION HAZARDS EXIST. IF WORKMEN ARE EXPOSED TO SPRAY APPLICATION OR ABRASIVE BLAST CLEANING, ENGINEERING AND ADMINISTRATIVE CONTROLS MUST BE USED TO MAINTAIN AN EXPOSURE LEVEL BELOW THE OSHA REQUIRED LEVEL, OR, USE A NIOSH/MHSA-APPROVED MECHANICAL FILTER RESPIRATOR FOR PROTECTION.

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN. WE ACCEPT NO RESPONSIBILITY AND DISCLAIM ALL LIABILITY FOR ANY HARMFUL EFFECTS WHICH MAY BE CAUSED BY EXPOSURE TO OUR PRODUCTS. CUSTOMERS/USERS OF THIS PRODUCT MUST COMPLY WITH ALL APPLICABLE HEALTH AND SAFETY LAWS, REGULATIONS, AND ORDERS.

