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PS-122

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS

PS-172

RECEIVED

10C1 45 1991

SECTION I - GENERAL INFORMATION

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

ENVIRONMENTAL

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.	
		A	B	A+B	TLV(PPM)	PEL(PPM)	@ 20 C
*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: <u> </u> FASTER THAN ETHER <u>XX</u> SLOWER THAN ETHER	

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: FLAMMABLE, CLASS IC **FLASH POINT:** 80 F.
DOT FLAMMABLE

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 XXSTABLE

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 MONOXIDE.

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 RES-
PIRATORS 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 EQUIP-
MENT: 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 ACCORD-
ANCE 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
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