

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I - GENERAL INFORMATION

MANUFACTURED BY: *Porter Paint Co.* 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: MARCH 15, 1989

MANUFACTURER'S IDENTIFICATION CODE: PCA001 AKA-38500B

PRODUCT CLASS: N/A
TRADE NAME: INTERTHANE PU CURING AGENT (C5740)

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	PERCENT BY WEIGHT PART B	OCCUPATIONAL EXPOSURE LIMIT TLV (PPM)	VAPOR PRESS. @ 20 C	TOXICITY DATA
XYLENE	1330-20-7	5-10	100	100	10MMHG
AROMATIC PETROLEUM SOLVENT	64742-95-6	30-35	50	N/A	10MMHG
N-BUTYL ACETATE	123-86-4	5-10	150	150	8MMHG
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	49	N/E	N/E	7.5X10-5MMHG
HEXAMETHYLENE DIISOCYANATE	822-06-0	*	N/E	N/E	1MG/M3 RECOMMENDED
0.02PPM CEILING RECOMMENDED					
*MONOMER CONTENT LESS THAN 0.7% BASED ON RESIN SOLIDS AT TIME OF MANUFACTURE. HOWEVER, AFTER 3 TO 6 MONTHS STORAGE, THE FREE MONOMER CONTENT MAY RISE TO A MAXIMUM OF 1.6%					

SECTION III - PHYSICAL DATA

BOILING RANGE: 259-344 F. PERCENT VOLATILE BY WEIGHT: 54
(THEORETICAL)

WEIGHT PER GALLON: 8.3 LBS. VAPOR DENSITY: XX HEAVIER THAN AIR
LIGHTER THAN AIR

EVAPORATION RATE: FASTER THAN ETHER
XX SLOWER THAN ETHER

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SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: OSHA FLAMMABLE CLASS IC FLASH POINT: 91 F.
DOT FLAMMABLE

LEL: 1.0 PERCENT BY VOLUME

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

UNUSUAL FIRE & EXPLOSION HAZARDS: CONTAINS FLAMMABLE SOLVENT. DO NOT USE IN
AREAS WHERE SPARK OR OPEN FLAME ARE PRESENT.

SPECIAL FIRE FIGHTING PROCEDURES: SMOTHER FLAMES WITH ONE OF THE ABOVE
EXTINGUISHING MEDIA. WATER MAY BE USED TO COOL UNOPENED CONTAINERS, BUT MUST
NOT BE USED AS AN EXTINGUISHING MEDIA. TAKE CARE TO PREVENT SPREAD OF BURNING
LIQUID WITH WATER. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: EYES - SEVERE IRRITATION, REDNESS, TEARING AND
BLURRED VISION.

SKIN - IRRITATING. MAY RESULT IN DERMATITIS.

INHALATION - IRRITATION OF RESPIRATORY TRACT. HEADACHE AND DIZZINESS
AND UNCONSCIOUSNESS.

INGESTION - GASTRO-INTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: SKIN AND RESPIRATORY
CONDITIONS.

INGREDIENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NTP: NO

IARC MONOGRAPHS: NO OSHA: NO

PRIMARY ROUTES OF ENTRY: DERMAL, INHALATION

EMERGENCY AND FIRST AID PROCEDURES:

EYES - FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL
ATTENTION.

SKIN - REMOVE CONTAMINATED CLOTHING, WASH SKIN WITH PLENTY OF SOAP AND
WATER. LAUNDRY CLOTHES BEFORE REUSE.

INHALATION - REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NEEDED.
GET MEDICAL ATTENTION.

INGESTION - CALL A PHYSICIAN IMMEDIATELY TO DETERMINE WHETHER OR NOT TO
INDUCE VOMITING.

SECTION VI - REACTIVITY DATA

STABILITY: UNSTABLE XX STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, VARIOUS HYDROCARBON FRAGMENTS

HAZARDOUS POLYMERIZATION: MAY OCCUR XX WILL NOT OCCUR

CONDITIONS TO AVOID: STORE AWAY FROM DIRECT HEAT, FLAME OR SPARK. KEEP DRY.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
REMOVE ALL SOURCES OF IGNITION. AVOID INHALATION OF VAPORS. VENTILATE AREA.
CLEAN UP WITH ABSORBENT MATERIALS.
WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL
REGULATIONS. DO NOT INCINERATE UNOPENED CONTAINERS.

SECTION VIII-SPECIAL PROTECTION INFORMATION

ISOCYANATE MONOMER CONCENTRATION GREATER THAN 10 TIMES THE TLV: USE A POSITIVE
PRESSURE AIR SUPPLIED RESPIRATOR (TC19C NIOSH/MHSA). ISOCYANATE MONOMER
CONCENTRATION LESS THAN 10 TIMES THE TLV: USE ABOVE RESPIRATOR OR A SUPPLIER
APPROVED VAPOR/PARTICULATE RESPIRATOR FOR ISOCYANATE VAPORS AND MISTS.
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 A 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: STORE IN BUILDING DESIGNED
AND PROTECTED FOR STORAGE OF LIQUIDS WITH NFPA CLASS GIVEN BY OSHA CLASS IN
SECTION 4. AVOID BREATHING DUST OR CHIPS FROM SANDING OR BLASTING SURFACES
COATED WITH THIS PRODUCT.

OTHER PRECAUTIONS: CHRONIC OVEREXPOSURE TO, AND MISUSE OF, SOLVENTS HAS BEEN
LINKED TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

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.