

MATERIAL SAFETY DATA SHEET  
FOR COATINGS, RESINS AND RELATED MATERIALS

S E C T I O N I - G E N E R A L I N F O R M A T I O N

MANUFACTURED BY: PORTER PAINT CO.                      EMERGENCY 24 HOURS CALL: 1-800-854-6813  
400 S. 13TH STREET                      INFORMATION 8AM - 5PM EST: 502-588-9200  
LOUISVILLE, KY. 40203                      EFFECTIVE DATE: APRIL 27, 1990

MANUFACTURER'S IDENTIFICATION CODE: 4448A EXTRA DEEP BASE, PART A  
4449A LIGHT BASE, PART A  
4450A DEEP BASE, PART A  
PRODUCT CLASS: EPOXY-POLYAMIDE                      4356B CONVERTER FOR ALL, PART B  
TRADE NAME: MCR-43 HI-BUILD SEMI-GLOSS

S E C T I O N II - H A Z A R D O U S I N G R E D I E N T S

IF THIS PRODUCT IS TINTED WITH A LEAD-CONTAINING COLORANT, IT WILL BE SO STATED ON THE LABEL OF THE PAINT CAN.

IF YOU FIND A "LEAD WARNING" ON THE PAINT CAN, REFER TO SECTION V,

"HEALTH HAZARD DATA", UNDER "EFFECTS OF CHRONIC OVEREXPOSURE".

NOTE THE THRESHOLD LIMIT VALUE (TLV) IS 0.15 MG/M3 FOR LEAD (CAS# 7439-92-1)

AND 0.05 MG/M3 FOR CHROMATE (CAS# 7758-97-8).

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	11	25	16	100	100	5MMHG
SOLVENT NAPHTHA (PETROLEUM LIGHT AROMATIC)	64742-95-6	2	6	4	N/E	100	3MMHG
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	8	6	7	100	N/A	8MMHG
DIACETONE ALCOHOL	123-42-2	5	0	3	50	50	1MMHG
*BARIUM SULFATE	7727-43-7	15	15	15	10MG/M3	15MG/M3	N/A

\*THESE ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372.

DIRECT EYE CONTACT MAY CAUSE BURNS, PERMANENT EYE DAMAGE AND POSSIBLY BLINDNESS. INHALATION OF SOLVENT VAPOR MAY CAUSE NOSE AND THROAT IRRITATION AND DIZZINESS, NAUSEA, HEADACHE AND SLEEPINESS. OVEREXPOSURE OR INTENTIONAL INHALATION OF VAPOR MAY CAUSE ACUTE HEART ABNORMALITIES. DIRECT SKIN CONTACT MAY CAUSE BURNS, IRRITATION, ALLERGY AND PHOTSENSITIZATION. SOLVENT CAN BE ABSORBED INTO THE BODY THROUGH THE SKIN. PROLONGED OR REPEATED OVEREXPOSURE MAY CAUSE ANEMIA, NERVOUS SYSTEM, LIVER, KIDNEY, SPLEEN, HEART AND EYE DAMAGE.

S E C T I O N III - P H Y S I C A L D A T A

BOILING RANGE: 276-338 F.                      PERCENT VOLATILE BY VOLUME: A=43  
B=54, A+B=45  
WEIGHT PER GALLON: A=12.3 LBS.                      VAPOR DENSITY: XX HEAVIER THAN AIR  
B=10.9 LBS. A+B=11.6 LBS.                      --- LIGHTER THAN AIR

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

FLAMMABILITY CLASSIFICATION: CSHA FLAMMABLE, CLASS IC FLASH POINT: ALL PARTS  
 OCT FLAMMABLE A'S=94 F; B=74 F;  
 A+B=83 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 5000.3 "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, NAUSEA.

ACUTE: EYE AND SKIN: PRIMARY IRRITATION.

CHRONIC: EXCESSIVE CHRONIC EXPOSURE TO LEAD MAY CAUSE METALLIC TASTE IN THE MOUTH, LOSS OF APPETITE, INDIGESTION, NAUSEA, VOMITING, CONSTIPATION, ABDOMINAL CRAMPS, SLEEPLESSNESS AND WEAKNESS.

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

## SECTION VI - REACTIVITY DATA

STABILITY: \_\_\_UNSTABLE XX\_STABLE

INCOMPATIBILITY (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 MSHA) 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/MSHA-APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY DURING SPRAY APPLICATION. IN RESTRICTED VENTILATION AREAS, USE NIOSH/MSHA-APPROVED MECHANICAL FILTER RESPIRATORS DESIGNED TO REMOVE PARTICULATES, GAS AND VAPOR. IN CONFINED AREAS, USE NIOSH/MSHA 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/MSHA-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/MSHA-APPROVED MECHANICAL FILTER RESPIRATOR FOR PROTECTION.