

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ANCHOR BOND HIGH SOLID EPOXY TOPCOAT 2:1 (PIGMENTED) PART A

HMIS CODES: H F R P
 2 0 0 B

SECTION I – MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: INDUSTRIAL PROTECTIVE COATINGS, INC.
 ADDRESS: 1855 ENTERPRISE DRIVE, DE PERE, WI 54115
 EMERGENCY PHONE: CHEMTREC 1-800-424-9300
 INFORMATION PHONE: 1-800-236-1164
 DATE REVISED: 02/03/2005

SECTION II – HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE WEIGHT	
		OSHA PEL	ACGIH TLV	OSHA STEL	mm Hg @ TEMP PERCENT	
MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A	25068-38-6	NONE	NONE	NONE	1.0	356°F
ALKYL GLYCIDYL ETHER	68609-97-2	NONE	NONE	NONE	N/A	
REACTION PRODUCTS OF EPICHLOROHYDRIN BISPHENOL A	25068-38-6	NONE	NONE	NONE	1.0	356°F
PIGMENT NON HAZARDOUS IN LIQUID FORM		10MG/M3	10MG/M3	5MG/M3	N/A	
PROPRIETARY NON HAZARDOUS ADDITIVES	UNKNOWN	NONE	NONE	NONE	N/A	

Indicates toxic chemicals(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
 XYLENE AGGIH = 150 PPM

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 200° to 279°F SPECIFIC GRAVITY (H₂O=1): 1.5
 VAPOR DENSITY: N/A EVAPORATION RATE: N/A
 SOLUBILITY IN WATER: NEGLIGIBLE
 APPEARANCE AND ODOR: LOW VISCOSITY LIQUID IN VARYING COLOR

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 200° + F METHOD USED: SETA FLASH
 FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: N/A UPPER: N/A
 EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES:

DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NO UNUSUAL FIRE HAZARDS KNOWN.

SECTION V – REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:

AVOID CONTACT WITH OPEN FLAMES AND ALL SOURCES OF IGNITIONS AND SPARKS.

INCOMPATIBILITY (MATERIALS TO AVOID):

CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS AND STRONG LEWIS ACIDS OR MINERAL ACIDS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

CO₂, ALDEHYDES, ACIDS, REACTION WITH SOME CURING AGENTS CAN GENERATE LARGE AMOUNTS OF HEAT.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NO GUIDE FOR CONTROL KNOWN, HOWEVER, EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION TO THE NOSE, THROAT, OR MUCOUS MEMBRANES.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

SKIN: MAY CAUSE IRRITATION OR ALLERGIC SKIN RESPONSE.

EYES: MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

THIS MATERIAL HAS A PROBABLE LOW ACUTE ORAL TOXICITY.

HEALTH HAZARDS (ACUTE AND CHRONIC):

EPOXY RESINS CAN CAUSE SENSITIZATION BY EXPOSURE THROUGH CONTACT OR HIGH CONCENTRATIONS OF VAPOR. **EYES;** INJURY IS UNLIKELY BUT STAIN FOR EVIDENCE OF CORNEAL INJURY

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

NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER LIDS, GET IMMEDIATE MEDICAL ASSISTANCE.

SKIN: SKIN CONTACT WILL NORMALLY BE NO MORE THAN IRRITATION BUT WASH WITH SOAP AND WATER AND REMOVE ALL CONTAMINATED CLOTHING IMMEDIATELY.

INHALATION: REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY.

INGESTION: LOW IN TOXICITY, INDUCE VOMITING ONLY IF LARGE AMOUNTS OF MATERIAL ARE INGESTED. IN EITHER CASE CONSULT WITH A PHYSICIAN.

SECTION VII---PRECAUTIONS FOR SAFE HANDLING AND USE

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

AVOID CONTACT WITH MATERIAL. WEAR THE APPROPRIATE SAFETY EQUIPMENT. STOP SPILL AT SOURCE, DYKE AREA TO PREVENT SPREADING. PUMP LIQUID TO SALVAGE TANK. TAKE UP REMAINDER WITH CLAY OR OTHER ABSORBENT AND PLACE IN DISPOSAL CONTAINERS.

WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE IN COOL, DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. MIXED MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS; THEREFORE, READ THE MSDS'S OF ALL THE COMPONENTS PRIOR TO USING MATERIAL. PROPERLY LABEL ALL CONTAINERS.

OTHER PRECAUTIONS:

AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. CONTAMINATED LEATHER ARTICLES CANNOT BE CLEANED AND MUST BE DISGARDED IF CONTAMINATED WITH THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF.

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION:

NIOSH APPROVED RESPIRATOR PROTECTION REQUIRED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.

VENTILATION:

GENERAL EXHAUST IS USUALLY SUFFICIENT TO CONTROL VAPORS AND EXPOSURE HAZARDS.

PROTECTIVE GLOVES:

IMPERVIOUS GLOVES - NEOPRENE OR RUBBER

EYE PROTECTION:

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

CLEAN BODY COVERING CLOTHING AS WELL AS APRON, FOOTWEAR OR OTHER EQUIPMENT SHOULD BE USED AS DEEMED NECESSARY TO AVOID CONTACT WITH THE MATERIAL.

WORK/HYGIENIC PRACTICES:

OBSERVE GENERAL GOOD HYGIENIC PRACTICES

SECTION IX – DISCLAIMER

DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE ACCURATE. HOWEVER, I.P.C. MAKES NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. I.P.C. ASSUMES NO RESPONSIBILITIES FOR INJURY FROM THE USE OF THE PRODUCT.

SECTION V – REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID:

AVOID CONTACT WITH OPEN FLAMES AND ALL SOURCES OF IGNITIONS AND SPARKS. AVOID CONTACT WITH MOISTURE OR ACIDIC MATERIALS.

INCOMPATIBILITY (MATERIALS TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, MINERAL ACIDS AND EPOXY RESINS IN UNCONTROLLED AMOUNTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

CO, CO₂, NOX

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI – HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

HIGH CONCENTRATIONS OF VAPOR CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT, NAUSEA AND DIZZINESS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

WILL CAUSE BURNS TO THE EYES. HIGH VAPOR CONCENTRATIONS CAN CAUSE SEVERE IRRITATION TO THE EYES.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

NONE KNOWN.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

LIQUID CAN CAUSE SEVERE DAMAGE TO MUCOUS MEMBRANES IF SWALLOWED.

HEALTH HAZARDS (ACUTE AND CHRONIC):

PROLONGED OR REPEATED EXPOSURE MAY CAUSE ASTHMA AND SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES. EFFECTS OF CHRONIC EXPOSURE HAS SHOWN IN TESTING, A MILDLY POSITIVE RESPONSE IN THE AMES MUTAGENICITY SCREENING TESTS (AMES SALMONELLA TEST).

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

NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS, AS WELL AS PRE-EXISTING SKIN AND EYE DISORDERS MAY BE AGGREGATED.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER LIDS., GET IMMEDIATE MEDICAL ASSISTANCE.

SKIN: FLUSH SKIN WITH WATER FOR AT LEAST 15 MINUTES AND REMOVE ALL CONTAMINATED CLOTHING IMMEDIATELY. GET MEDICAL ATTENTION IF REDDENING OR SWELLING OCCURS.

INHALATION: REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY.

INGESTION: DILUTE BY GIVING WATER IF VICTIM IS CONSCIOUS AND INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WEAR THE APPROPRIATE SAFETY EQUIPMENT, STOP SPILL AT SOURCE, DYKE AREA TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK, TAKE UP REMAINDER WITH CLAY OR OTHER ABSORBENT AND PLACE IN DISPOSAL CONTAINERS.

WASTE DISPOSAL METHOD

DISPOSE OF THE MATERIAL AS A HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

AVOID ALL SKIN CONTACT, AVOID BREATHING VAPORS, RESEAL PARTIALLY USED CONTAINERS, PROPERLY LABEL ALL CONTAINERS, WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES, OBSERVE CONDITIONS OF GOOD INDUSTRIAL HYGIENE AND SAFE WORKING PRACTICES.

OTHER PRECAUTIONS

MIXED MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS, THEREFORE, READ THE MSDS'S OF ALL COMPONENTS TO BECOME FAMILIAR WITH ALL HAZARDS PRIOR TO USING THIS PRODUCT.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

NIOSH APPROVED RESPIRATOR PROTECTION REQUIRED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS. FOR EMERGENCIES A SELF-CONTAINED BREATHING APPARATUS OR A FULL FACE RESPIRATOR IS RECOMMENDED.

VENTILATION

AVOID BREATHING VAPORS, VENTILATION MUST BE SUFFICIENT TO CONTROL VAPORS.

PROTECTIVE GLOVES

IMPERVIOUS GLOVES - NEOPRENE OR RUBBER.

EYE PROTECTION

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

CLEAN BODY COVERING CLOTHING AS WELL AS APRON, FOOTWEAR OR OTHER EQUIPMENT SHOULD BE USED AS DEEMED NECESSARY TO AVOID CONTACT WITH THE MATERIAL.

WORK/HYGIENIC PRACTICES

OBSERVE GENERAL GOOD HYGIENIC PRACTICES

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