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Delta Polymers, Inc.

**MANUFACTURERS OF HIGH PERFORMANCE
 EPOXY & POLYURETHANE FLOORING SYSTEMS**

SECTION 1 • PRODUCT IDENTIFICATION

PRODUCT CLASS: Epoxy Resin PRODUCT NAME: **POLYBOND 364 - PART A**

PRODUCT USE: BASE EPOXY RESIN GEL FOR METAL ADHESIVE, REPAIR AND SMOOTHING COMPOUND

HAZARD CLASSIFICATION: HAZARD RATING OF 0 = NONE TO 4 = EXTREME

Health – 2 Fire – 2 Reactivity – 0 Personal Protection: - G (Gloves & Goggles)

SECTION 2 • HAZARDOUS INGREDIENTS

COMPONENT	CAS#	Wt.%	Exposure Limits		VP (mm Hg)
			ACGIH/TLV	OSHA/PEL	
Bis A Epoxy Resin	25068-38-6	20-50 STEL=	----- N/E	Undetermined N/E	0
CALCIUM CARBONATE	1317-65-3	1-5 STEL=	10 mg/m ³ N/E	15 mg/m ³ N/E	0
CRYSTALLINE SILICA	14808-60-7	20-50 STEL=	0.1 mg/m ³ N/E	0.1 mg/m ³ N/E	0

THIS PRODUCT CONTAINS PIGMENTS WHICH ARE NOT SIGNIFICANT SKIN IRRITANTS AND MAY CONTAIN AMORPHOUS/CRYSTALLINE SILICA, ADDED OR AS PART OF THE PIGMENT COMPOSITION. THE PIGMENTS AND FILLERS, INCLUDING SILICA, ARE BOUND IN A RESIN MATRIX, HENCE EFFECTS OF ANY EXPOSURE TO INHALATION AS NUISANCE DUST, IS UNLIKELY.

MARKED ITEMS ARE LISTED ON SARA TITLE III SECTION 313 INVENTORY

SECTION 3 - PHYSICAL DATA

ODOR & APPEARANCE: FAINT EPOXY ODOR, DARK GRAY, PASTE CONSISTENCY

EVAPORATION RATE: 0.5 x n-BUTYLACETATE **VOLATILES VOLUME:** 0.1 %

LIQUID DENSITY: >1.0 ref. WATER) **VAPOR DENSITY:** >1.0(ref. AIR) **VOC:** NONE

SPECIFIC GRAVITY: 1.631 **WEIGHT/GALLON:** 13.55lb/gal **BOILING RANGE:** N/A

SECTION 4 - FIRE OR EXPLOSION HAZARD

(FLASH POINT, UEL AND LEL FOR SOLVENT ONLY)

FLAMMABILITY CLASS: NON-FLAMMABLE

EXTINGUISHING MEDIA: WATER FOG, FOAM., CO₂, DRY CHEMICAL

FLASH POINT & METHOD: 425°F (TCC) **LEL:** N/A **UEL:** N/A

SPECIAL FIRE FIGHTING PROCEDURES:

USE SELF CONTAINED BREATHING APPARATUS AND PROPER PROTECTING GEAR WHEN ENTERING CONFINED AREAS WHERE THE POTENTIAL OF EXPOSURE TO VAPORS OR PRODUCTS OF COMBUSTION EXIST.

SECTION 4 - FIRE OR EXPLOSION HAZARD (Cont)

UNUSUAL FIRE AND EXPLOSION HAZARDS:

DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY RUPTURE WHEN EXPOSED TO HIGH HEAT.

SECTION 5 - HEALTH HAZARD DATA

ROUTES OF ENTRY/CARCINOGENICITY

ROUTES OF ENTRY: EYE CONTACT / INGESTION / SKIN CONTACT

CARCINOGENICITY: DOES NOT CONTAIN CHEMICALS CONSIDERED TO BE CARCINOGENIC BY NTP, IARC OR OSHA.

TARGET ORGANS: EYES / SKIN

HEALTH HAZARDS: MAY CAUSE MODERATE SKIN INJURY OR AN ALLERGIC SKIN REACTION WITH CERTAIN INDIVIDUALS.

EFFECTS OF OVEREXPOSURE

EYE CONTACT: MAY CAUSE EYE INJURY WHICH MAY PERSIST FOR SEVERAL DAYS. CORNEAL INJURY IS UNLIKELY.

SKIN CONTACT: REPEATED EXPOSURE MAY CAUSE SKIN IRRITATION AND, IN SOME CASES, AN ALLERGIC SKIN REACTION IS POSSIBLE.

INHALATION: VAPORS ARE UNLIKELY DUE TO ITS PHYSICAL PROPERTIES, EXCEPT WHEN HEATED TO HIGH TEMPERATURES WHICH CAN GENERATE VAPORS THAT COULD CAUSE HEADACHES, NAUSEA OR RESPIRATORY IRRITATION IF INHALED.

INGESTION: ORAL TOXICITY IS LOW. THE ORAL LD50 FOR RATS IS GREATER THAN 5,000 mg/kg.

EFFECTS OF REPEATED EXPOSURE:

REPEATED EXPOSURE MAY CAUSE SKIN SENSITIZATION. NO SIGNIFICANT ADVERSE EFFECTS ARE KNOWN AT THIS TIME.

FIRST AID

EYE CONTACT: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH CONTACT AREA WITH SOAP AND WATER FOR AT LEAST 15 MINUTES.

INHALATION: REMOVE PERSON TO FRESH AIR. IF BREATHING HAS STOPPED, QUALIFIED PERSONNEL SHOULD ADMINISTER RESPIRATION. SEEK MEDICAL ATTENTION.

INGESTION: IF LARGE QUANTITIES SWALLOWED, SEEK MEDICAL ATTENTION.

SECTION 6 - REACTIVITY DATA

CHEMICAL STABILITY: STABLE **HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

INCOMPATIBILITY WITH OTHER SUBSTANCES:

CONTAMINATION WITH STRONG ACIDS, BASES, AMINES AND MERCAPTANS CAN CAUSE POLYMERIZATION.

CONDITIONS TO AVOID:

EXCESSIVE HEAT FOR PROLONGED PERIODS OF TIME.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON DIOXIDE. CARBON MONOXIDE, PHENOLICS AND UNIDENTIFIED PARTIAL OXIDATION PRODUCTS.

SECTION 7 • SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

SOAK UP IN AN ABSORBENT MATERIAL, SUCH AS SAND, AND COLLECT IN SUITABLE CONTAINERS. RESIDUAL RESIN MAY BE REMOVED USING STEAM/HOT SOAPY WATER. FOR LARGE SPILLS, EVACUATE AND CONTAIN SPILL WITH A DIKE.

WASTE DISPOSAL:

ANY DISPOSAL PRACTICE MUST BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION IS THE PREFERRED FORM OF DISPOSAL. DO NOT DUMP INTO SEWERS, ON THE GROUND OR IN ANY BODY OF WATER.

SECTION 8 - PREVENTATIVE MEASURES

- RESPIRATORY:** USE A NIOSH/MSHA APPROVED RESPIRATOR WHENEVER EXPOSURE TO VAPOR/MIST IS LIKELY.
- EYE:** USE CHEMICAL SAFETY GOGGLES OR FACE SHIELD.
- SKIN:** USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL. SELECTION OF SPECIFIC ITEMS SUCH AS GLOVES, BOOTS, APRON OR FULL BODY SUIT, WILL DEPEND ON THE OPERATION. IMPERVIOUS NEOPRENE GLOVES ARE RECOMMENDED.
- VENTILATION:** PROPER VENTILATION IS NECESSARY. USE LOCAL EXHAUST AND MECHANICAL SYSTEMS LEADING TO FRESH AIR.
- OTHER:** SAFETY SHOWER AND EYE WASH FACILITY ARE RECOMMENDED.
- HANDLING AND STORAGE:** KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STORE IN A COOL, DRY PLACE.
- KEEP CONTAINERS CLOSED UNTIL READY FOR USE. AVOID BREATHING FUMES; PROVIDE ADEQUATE VENTILATION.

SECTION 9 - REGULATORY INFORMATION

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

ALL COMPONENTS ARE INCLUDED IN EPA TSCA CHEMICAL SUBSTANCE INVENTORY.

OSHA HAZARD COMMUNICATION STANDARD (291910.1200) HAZARD CLASSES:

IRRITANT

EPA SARA TITLE III SECTION 312 (40CFR370) HAZARD CLASS:

AN IMMEDIATE HEALTH HAZARD. A DELAYED HEALTH HAZARD.

EPA SARA TITLE III SECTION 313 (40CFR372) TOXIC CHEMICALS ABOVE "DE MINIMIS" LEVEL ARE:

INGREDIENTS MARKED WITH AN ASTERISK, "*", AS LISTED IN SECTION 2, ABOVE.

SECTION 10 - DOT/SHIPPING INFORMATION

- DOT/UN SHIPPING NAME:** N/A **DOT HAZARD CLASS:** NOT REGULATED
- DOT/UN HAZARD NUMBER:** N/A **DOT PLACARD:** NOT REGULATED

SECTION 11 -DISCLAIMER

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