

MATERIAL SAFETY DATA SHEET

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NOTE: 16 SECTIONS

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NUMBER: TL1A

PRODUCT NAME: WHITE LAMINATING EPOXY (100% SOLIDS) PART A

PRODUCT CLASS: EPOXY COATING

SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENT (CAS #)	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE mmHg
		TLV-TWA	OSHA-PEL	
25068-38-6 BISPHENOL A/EPI-CHLOROHYDRIN RESIN	75 %	N/A	N/A	0.03 @ 77° C
68609-97-2 REACTIVE DILUENT	9 %	N/A	N/A	0.6 @ 70° F

* ARE LISTED ABOVE IS SUBJECT TO THE REPORTING REQUIREMENTS OF
SECTION 313

***** NONE LISTED AS A CARCINOGEN IN NTP, IARC OR BY OSHA

SECTION 3 – HAZARDS IDENTIFICATION

SKIN: MAY BE A SEVERE IRRITANT, PARTICULARLY FOR INDIVIDUALS WHO HAVE HYPERSENSITIVITY TO EPOXY RESINS. MAY CAUSE SENSITIZATION OR ALLERGIC REACTION. CAN BE ABSORBED THROUGH THE SKIN.

INHALATION: IRRITANT.

EYES: IRRITANT.

INGESTION: HARMFUL IF SWALLOWED.

PRIMARY ROUTE (S) OF ENTRY: SKIN CONTACT, INHALATION, INGESTION, AND EYE CONTACT

SECTION 4 – FIRST AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IMMEDIATELY TAKE TO A PHYSICIAN FOR MEDICAL TREATMENT.

SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING, TREAT SYMPTOMATICALLY. CONSULT A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. CONSULT PHYSICIAN OR POISON CONTROL IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION:

OSHA: FP => 200° F
COMBUSTIBLE LIQUID CLASS III B

LEL: N/E

FLASH POINT: > 200° F

EXTINGUISHING MEDIA:

FOAM: X ALCOHOL FOAM: X CO2: X WATER FOG: X OTHER: X

FIRE & EXPLOSION HAZARD DATA: KEEP CONTAINERS TIGHTLY CLOSED.
ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

FIRE FIGHTING PROCEDURES: WARNING COMBUSTIBLE. CLEAR FIRE AREA OF
UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL
BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER
BOOTS) INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED
BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COMBUSTIBLE!
ELIMINATE ALL IGNITION SOURCES. WEAR APPROPRIATE RESPIRATOR AND
PROTECTIVE CLOTHING.

WASTE DISPOSAL METHOD: IN CASE OF SPILLAGE, ABSORB WITH INERT MATERIAL AND
DISPOSE OF IN ACCORDANCE WITH APPLICABLE REGULATION

SECTION 7 – HANDLING AND STORAGE

HANDLING AND STORAGE: KEEP CONTAINER CLOSED, UPRIGHT WHEN NOT IN USE.
STORE IN COOL, DRY, WELL-VENTILATED AREA. AVOID PROLONGED STORAGE
TEMPERATURES ABOVE 100° F. USE CAUTION WHEN POURING. AVOID BREATHING
SANDING DUST. DO NOT WELD OR FLAME CUT ON EMPTY CONTAINER.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: WEAR AN APPROPRIATE PROPERLY FITTED RESPIRATOR (NIOSH/OSHA APPROVED) DURING AND AFTER APPLICATION. IN CONFINED OR RESTRICTED VENTILATION AREAS USE AIRLINE RESPIRATORS OR HOODS. REFER TO APPROPRIATE REGULATIONS REGARDING RESPIRATORY PROTECTION.

VENTILATION: USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS OR SPRAY MIST.

PROTECTIVE GLOVES AND CLOTHING: DEPENDENT ON APPLICATION METHOD, WEAR RESISTANT COVERALLS, GLOVES AND SHOE COVERINGS TO PREVENT SKIN CONTACT. WEAR SOLVENT RESISTANT WITH SPLASHGUARDS OR FACE SHIELD TO PROTECT EYES FROM SPLASH, SPATTER AND/OR SPRAY MIST. USE EXPLOSION AND SPARK-PROOF EQUIPMENT. CONSULT APPROPRIATE REGULATIONS REGARDING PROTECTIVE CLOTHING, GLASSES, AND GLOVES. USE NEOPRENE GLOVES IF CONTACT IS LIKELY

EYE PROTECTION: USE CHEMICAL SAFETY GOGGLES WITH SPLASH SHIELDS.

HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, SMOKING, OR USING THE TOILET. LAUNDRY CONTAMINATED CLOTHING BEFORE USE. DESTROY CONTAMINATED LEATHER AND ABSORBENT SHOES, WHICH CANNOT BE DECONTAMINATED TO PREVENT REUSE. NON-STATIC CREATING CLOTHING AND CONDUCTIVE SHOES SHOULD BE WORN.

SECTION 9 – PHYSICAL AND CHEMICAL DATA

BOILING RANGE: 300° F WT./GALLON 10.47 #/GAL ± 0.2

EVAPORATION RATE:
FASTER: _____ SLOWER: XX THAN ETHER

% VOLATILE VOLUME: 0 %

VAPOR DENSITY:
HEAVIER: XX LIGHTER: _____ THAN AIR

EPA MIXED VOC: 0 LB/GAL WITH TL1B

SECTION 10 – STABILITY AND REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL OCCUR UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

CONDITIONS TO AVOID: HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND ALKALI.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS, ACIDS, AND ALKALIES.

SECTION 11 – TOXICOLOGICAL PROPERTIES

SEE SECTION 2

SECTION 12 – ECOLOGICAL INFORMATION

NO INFORMATION AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

EPA WASTE NO.: NONE

DISPOSAL METHOD: PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP.)

SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: NOT REGULATED

DOT HAZARD CLASS: NA

HAZARD SUBCLASS: NA

DOT UN/N NUMBER: NOT REGULATED

PACKING GROUP: NA

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

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INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT THAT 16 SECTIONS WERE USED RATHER THAN THE 9 SECTIONS LISTED. CANADIAN WHMIS CLASS: NO INFORMATION AVAILABLE.

SECTION 16 – OTHER INFORMATION -- NONE

HMIS: HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0

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