

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 1 - PRODUCT INFORMATION & COMPANY IDENTIFICATION

PRODUCT NAME: EverGlow TL300 Epoxy Coating - Part A (Resin)
PRODUCT CODES: National Polymers Inc. - NP137MUV A

MANUFACTURER: EverGlow NA, Inc.
STREET ADDRESS: 1122 Industrial Dr.
CITY, STATE, ZIP: Matthews, NC 28105 (USA)

INFORMATION PHONE: 704-841-2580
FAX NUMBER: 704-841-2582

EMERGENCY PHONE: **704-841-2580**

PREPARED BY: Charles V. Barlow

DATE REVISED: 16 October 2012

SECTION 2 – HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTIVE EQUIPMENT: B

POTENTIAL HEALTH EFFECTS

EYES: MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY.
SKIN: MAY CAUSE IRRITATION OR ALLERGIC SKIN RESPONSE.
INGESTION: THIS MATERIAL HAS A PROBABLE LOW ACUTE ORAL TOXICITY.
INHALATION: NO GUIDE FOR CONTROL KNOWN, HOWEVER, EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION TO THE NOSE, THROAT OR MUCOUS MEMBRANES.

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.

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE: RESPIRATORY INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

CARCINOGENICITY

OSHA: NO NTP: NO IARC: NO

ADDITIONAL CARCINOGENICITY INFORMATION: N/A

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A	25068-38-6	NONE	NONE	NONE	
ALKYL GLYCIDYL ETHER	68609-97-2	NONE	NONE	NONE	
Siloxanes and Silicones di-me reactions products with silica (non-hazardous)	67762-90-7	NONE	NONE	NONE	
Siloxanes and Silicones di-methyl (non-hazardous)	63148-62-9	NONE	NONE	NONE	
BENZYL ALCOHOL	100-51-6	NONE	NONE	NONE	
NONYL PHENOL	25154-52-3	NONE	NONE	NONE	
ADDITIVE	NJTSRN 800963-5023	NONE	NONE	NONE	
1,2-PROPANEDIOL	57-55-6	NONE	NONE	NONE	
Oxirane, ME, polymer with oxirane monobutyl ether	9038-95-3	NONE	NONE	NONE	
(Fluoroaliphatic Polmeric Esters) contains 2-propenoic acid, 2-[Methyl](nonafluorobutyl) sulfonyl]amino]ethyl ester, telomere with mrthyloxirane polymer with oxirane di-2-propenoate and methyloxirane polymer with oxirane mono-propenoate	1017237-78-3	NONE	NONE	NONE	<0.3%
(Fluoroaliphatic Polmeric Esters) contains 1-Butanesulfonamide, 1,1,2,2,3,3,4,4,4-nonafluoro-n-(2-hydroxyethyl)-N-methyl-	34454-97-2	1 mg/m3 (skin)	NONE	NONE	<0.1%
(Fluoroaliphatic Polmeric Esters) 2-propenoic acid, 2-[methyl]nonafluorobutyl)sulfonyl]amino]ethyl ester	67584-55-8	NONE	NONE	NONE	<0.1%
(Fluoroaliphatic Polmeric Esters) contains polyether polymer	NJTSRN 04499600-6437	NONE	NONE	NONE	<0.1%
(Fluoroaliphatic Polmeric Esters) contains 2-methoxymethylethoxypropanol	34590-94-8	600 mg/m3 (skin)	100 ppm	150 ppm	<0.1%
(Fluoroaliphatic Polmeric Esters) contains toluene	108-88-3	200 ppm	20 ppm	300 ppm	<0.1%
2-Propanol, 1-methoxy	107-98-2	100 ppm	100 ppm	150 ppm	
Stabilizer (non-hazardous)	Trade Secrete	NONE	NONE	NONE	

SECTION 3 NOTES: ***Indicates toxic chemical(s) are present, subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.***

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 4 – FIRST AID MEASURES

- EYES:** FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.
- SKIN:** SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.
- INGESTION:** LOW IN TOXICITY, INDUCE VOMITING ONLY IF LARGE AMOUNTS OF MATERIAL ARE INGESTED, OTHERWISE DO NOT INDUCE VOMITING. IN EITHER CASE, IMMEDIATELY CONSULT A PHYSICIAN.

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

CONSULT PHYSICIAN IF NECESSARY.

SECTION 5 – FIRE FIGHTING MEASURES

- | | | |
|---|--------|--|
| FLAMMABLE LIMITS IN AIR
(% by volume) | UPPER: | NOT AVAILABLE |
| | LOWER: | NOT AVAILABLE |
| FLASH POINT: | | 200+ F (93+ C) |
| METHOD USED: | | SETA FLASH |
| EXTINGUISHING MEDIA: | | FOAM, ALCOHOL FOAM, CO2
DRY CHEMICAL, WATER FOG |
| SPECIAL FIRE FIGHTING PROCEDURES: | | DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS, COOL ALL FIRE EXPOSED CONTAINERS WITH WATER. |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | | NO UNUSUAL FIRE HAZARDS KNOWN. |

SECTION 6 – RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF THE SOURCE AT THE LEAK. REMOVE EXCESS WITH VACUUM TRUCK. TAKE UP THE REMAINDER WITH AN ABSORBANT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

SECTION 7 – HANDLING & STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: 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 DISCARDED IF CONTAMINATED WITH THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER-EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. GENERAL EXHAUST IS USUALLY SUFFICIENT IN LIEU OF NIOSH RESPIRATOR.

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 GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WEAR BODY COVERING, CLOTHING AND OTHER COVERING AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES: OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	LOW VISCOSITY LIQUID – AMBER CLEAR
BOILING POINT OR RANGE:	200+ F (93+ C)
VAPOR DENSITY (AIR = 1):	Not available
SPECIFIC GRAVITY (H2O = 1):	1.1
EVAPORATION RATE:	Not available
SOLUBILITY IN WATER:	NEGLIGIBLE

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	STABLE
CONDITIONS TO AVOID (STABILITY):	AVOID EXCESSIVE HEAT OR OPEN FLAMES
INCOMPATIBILITY (MATERIAL TO AVOID):	CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS AND STRONG LEWIS ACIDS OR MINERAL ACIDS.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	CO ₂ , ALDEHYDES, ACIDS REACTION WITH SOME CURING AGENTS CAN GENERATE LARGE AMOUNTS OF HEAT.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

SECTION 11 – TOXICOLOGICAL INFORMATION

CAS# 25068-38-6:	Moderate sensitizer, slight eye irritant, moderate skin irritant. ORAL LD50 >5,000 mg/kg (rat) DERMAL LD50 >6,000 mg/kg (rabbit)
CAS# 68609-97-2:	Possible sensitizer, eye and skin irritant. ORAL LD50 >10,000 mg/kg (rat) INHALATION LD50 – no microscopic changes
Component Nonyl Phenol:	Median Lethal Dose ORAL LD50 = 0.58 g/kg (rat) – moderately toxic DERMAL LD50 = 2.14 g/kg (rabbit) – slightly toxic SKIN DRAIZE TEST (rabbit): 500 mg/m ³ 24 hr – corrosive EYES DRAIZE TEST (rabbit): 57.00/110 – extremely irritating POSSIBLE RISK OF IMPAIRED FERTILITY.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

Component Benzyl Alcohol: INHALATION LC50 (4 hr) >4,178 mg/l (rat)
DERMAL LD50 >2,000 mg/kg (rabbit)
RATS EXPOSED TO 800 MG/KG FOR THIRTEEN WEEKS EXHIBITED CNS DEPRESSION AND HISTOPATHOLOGICAL CHANGES IN THE BRAIN, THYMUS AND SKELETAL MUSCLES. THE "NO OBSERVED ADVERSE EFFECT LEVEL" (NOAEL) WAS 400 MG/KG. NO EVIDENCE OF CARCINOGENICITY WAS SEEN IN TWO YEAR STUDY WITH RATS AND MICE.

**COMPONENT ADDITIVE
NJTSRN 800963-5023:** ACUTE ORAL TOXICITY
LD50 >8,000,000 mg/kg (rats)
SKIN IRRITATION RABBIT – NO SKIN IRRITATION

COMPONENT CAS# 57-55-6 LD50 = 20,000 MG/KG

**COMPONENT CAS# 107-98-2
AND STABILIZER** ACUTE ORAL, INHALATION AND DERMAL TOXICITY
LD50 / ORAL / RAT: >2,000 MG/KG (BASED ON COMPONENTS)
LC50 / BY INHALATION / RAT: VALUE OF THE MAIN COMPONENT
LD50 / DERMAL / RAT: >2,000 MG/KG (BASED ON COMPONENTS)
SKIN IRRITATION: STABILIZER (RABBITS) – NOT AN IRRITANT
2-PROPANOL, 1-METHOXY (RABBITS) – MILD SKIN IRRITANT (RTECS, 1995)
EYE IRRITATION: STABILIZER (RABBITS) – NOT AN IRRITANT
2-PROPANOL, 1-METHOXY (RABBITS) – MILD TO MODERATE IRRITANT
RESPIRATORY IRRITATION: 2-PROPANOL, 1-METHOXY – MAY CAUSE DIZZINESS OR HEADACHES. CAUSES RESPIRATORY TRACT IRRITATION.
SKIN SENSITIZATION: STABILIZER (GUINEA PIG) - MAXIMIZATION TEST – NOT A SENSITIZER (0/20 POSITIVE)
TOXICITY: STABILIZER (GUINEA PIG)
SUBACUTE TOXICITY – NOT DETERMINED
CHRONIC TOXICITY – NOT DETERMINED

ADDITIONAL INFORMATION ON SUBCHRONIC TOXICITY:

STABILIZER – rats were fed at levels of 0, 10.8, 52.2, 243 and 1,085 mg/kg in the diet For 28 days, with a 4 week recovery period. In the high dose group, slightly increased food consumption, minimally larger blood platelet count (reversible) and increased liver weights in females (reversible) were observed. The NOEL was 243 mg/kg/day.
2-PROPANOL, 1-METHOXY – repeated overexposure may cause liver and kidney damage, and delayed skeletal development of the fetus (based on animal studies).

GENETIC TOXICITY:

2-PROPANOL, 1-METHOXY – AMES Test: negative (w/wo metabolic activation) (CHO cells)

CHROMOSOMAL ABERRATION ASSAY: Negative.

CARCINOGENICITY: None of the components in this component and stabilizer, at concentrations greater than 0.1%, are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

REPRODUCTIVE TOXICITY:

2-PROPANOL, 1-METHOXY – Inhalation exposure to make rats and rabbits of 300, 1,000 or 3,000 ppm, six hours/day, five days/week for 13 weeks did not show evidence of testicular effects.

DEVELOPMENTAL TOXICITY/TERATOGENICITY:

2-PROPANOL, 1-METHOXY – (Mice) (Rats) (Rabbits) Exposure to 0.04 to 2 mg/kg/day during the first 18 to 21 days of gestation were found to cause no effects in mice and rabbits. Delayed ossification was seen in the rats. Inhalation of 3,000 ppm for 6 hrs/day on days 6 to 15 of pregnancy was found to cause delayed ossification in offspring.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 12 – ECOLOGICAL INFORMATION

CAS# 25068-38-6:	BIODEGRADABILITY (Modified STURM Method) – 12%
	FISH TOXICITY – Rainbow Trout (96 hr) – LC50 = 1.5 mg/l Zebra Fish (96 hr) – LC50 = 2.4 g/l
	INVERTEBRATE TOXICITY - Daphnia Toxicity (24 hr) – EC50 = 3.6 mg/l
Component Nonyl Phenol:	ECOTOXICITY – Daphnia Toxicity – EC50 0.14 – 0.44 mg/l, 48 hrs. Component is not readily biodegradable, log POW: 3-4. Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
	AQUATIC TOXICITY – LC50 (96 hr), toxicity rating is <0.10 ppm – extremely toxic.
Component Benzyl Alcohol:	EC50 (48 hr) = 400 mg/l, Daphnia Magna EC50 (72 hr) = 2,600 mg/l, Algae BIODEGRADATION BOD ₂ 62, slightly or not bioaccumulative
	TOXICITY TO FISH – LC50 (96 hr) = 10 mg/l, Bluegill sunfish (Lepomis macrochinus) LC50 (96 hr) = 460 mg/l Fathead minnow (Pimephales promelas)
	TOXICITY TO ALGAE – IC50 (72 hr) = 700 mg/l
Component Fluoroaliphatic Polymeric Esters:	Ecological information not determined. Chemical fate information not determined.

SECTION 13 – WASTE DISPOSAL

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

SECTION 14 – TRANSPORT INFORMATION

DOT:	NOT REGULATED
IMO/IMDG:	UN3082 - ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Polymer), 9, PG III

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 15 – REGULATORY INFORMATION

- CAS# 25068-38-6:** Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, WHMIS Class D2B; is on the New Jersey Right to Know List; is on the Pennsylvania Right to Know List.
- CAS# 68609-97-2:** Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada; is on the New Jersey Right to Know List; is on the Pennsylvania Right to Know List.
- EPA SARA Title III Section 313:** Components above the de minimus level: NONE
- Component Siloxanes and Silicones, di-me Reactions Products With Silica:** Included on TSCA, EINECS, MITI, ACOIN and Canadian DSL inventory or lists.
- Component Siloxanes and Silicones, di-methyl:** Included on TSCA, EINECS, MITI, ACOIN and Canadian DSL inventory or lists.
- Component Benzyl Alcohol:** E20/22 Harmful by Inhalation and if Swallowed. On TSCA list; on DSL Canada.
- Component Nonyl Phenol:** This component is listed on TSCA, EINECS, ACIS, MITI and DSL Canada.
- Component Additive NJTSRN 800963-5023:** Included on TSCA. Not a California Proposition 65 chemical.
- COMPONENT CAS# 57-55-6:** Included on TSCA and DSL Canada.
- COMPONENT CAS# 9038-95-3:** Included on TSCA and DSL Canada.
- Component Fluoroaliphatic Polmeric Esters:** May contain trace amounts of Section 313 toxic chemicals, toluene CAS# 108-88-3. Components on TSCA list or in compliance. Contains chemicals that can cause birth defects or other reproductive harm. The Ingredients are on DSL Canada, Chinas inventory of chemical substances, EINECS, Korean Existing Chemical Inventory. Toluene is a California Proposition 65 chemical (female reproductive toxin, developmental toxin). This component contains a TSCA Section 12(b) chemical – CAS# 1017237-78-3 – but, this chemical is in a quantity less than 0.3%.
- COMPONENT CAS# 107-98-2 and STABILIZER:** Canada: Domestic Substances List (DSL): All components are either exempt or listed on the TSCA Inventory. CAS# 107-92-2 is on the PA Right to Know list.

SECTION 16 – OTHER INFORMATION

DISCLAIMER: The information contained herein is based on the data available and is believed to be accurate. However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

**THIS PAGE LEFT BLANK
INTENTIONALLY**

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 1 - PRODUCT INFORMATION & COMPANY IDENTIFICATION

PRODUCT NAME: EverGlow TL300 Epoxy Coating - Part B (Hardener)
PRODUCT CODES: National Polymers Inc. - NP137MUV B

MANUFACTURER: EverGlow NA, Inc.
STREET ADDRESS: 1122 Industrial Dr.
CITY, STATE, ZIP: Matthews, NC 28105 (USA)

INFORMATION PHONE: 704-841-2580
FAX NUMBER: 704-841-2582

EMERGENCY PHONE: **704-841-2580**

PREPARED BY: Charles V. Barlow

DATE REVISED: 16 October 2012

SECTION 2 – HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATION

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTIVE EQUIPMENT: G

POTENTIAL HEALTH EFFECTS

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

SKIN: WILL CAUSE BURNS TO THE SKIN.

INGESTION: LIQUID CAN CAUSE SEVERE DAMAGE TO MUCOUS MEMBRANES IF SWALLOWED.

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

HEALTH HAZARDS (ACUTE AND CHRONIC): PROLONGED OR REPEATED EXPOSURE MAY CAUSE ASTHMA AND SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS.

CARCINOGENICITY

OSHA: NO NTP: NO IARC: NO
NO LISTED INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
BENZYL ALCOHOL	100-51-6	NONE	NONE	NONE	
3-AMINOMETHYL-3,5,5-TRIMETHYL CYCLOHEXANE	2855-13-2	NONE	NONE	NONE	
2-HYDROXYBENZOIC ACID	69-72-7	NONE	NONE	NONE	

No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 4 – FIRST AID MEASURES

- EYES:** IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF 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.
- INGESTION:** DO NOT INDUCE VOMITING. DILUTE BY GIVING WATER OR MILK TO DRINK IF VICTIM IS CONSCIOUS. GET MEDICAL ATTENTION IMMEDIATELY.
- INHALATION:** REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY.

CONSULT PHYSICIAN IF NECESSARY.

SECTION 5 – FIRE FIGHTING MEASURES

- FLAMMABLE LIMITS IN AIR** (% by volume) UPPER: Not Available
LOWER: Not Available
- FLASH POINT:** 200+ F (93+ C)
- METHOD USED:** SETA FLASH
- EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO2, WATER FOG
- SPECIAL FIRE FIGHTING PROCEDURES:** TOXIC FUMES WILL BE EVOLVED WHEN THIS MATERIAL IS INVOLVED IN A FIRE. A SELF-CONTAINED BREATHING APPARATUS SHOULD BE AVAILABLE FOR FIRE FIGHTERS. COOL FIRE EXPOSED CONTAINERS WITH WATER.
- UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE KNOWN

SECTION 6 – RELEASE MEASURES

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 ABSORBANT AND PLACE IN DISPOSAL CONTAINERS.

SECTION 7 – HANDLING & STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: 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 OF ALL COMPONENTS TO BECOME FAMILIAR WITH ALL HAZARDS PRIOR TO USING THIS PRODUCT.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

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 GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WEAR BODY COVERING, CLOTHING AND OTHER COVERING AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR AS DEEMED NECESSARY TO AVOID CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES: OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:	AMBER CLEAR LIQUID WITH AMINE ODOR
BOILING POINT OR RANGE:	155 to 401 F (68 to 205 C)
VAPOR DENSITY (AIR = 1):	N/A
SPECIFIC GRAVITY (H2O = 1):	1.0
EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	NEGLIGIBLE

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	STABLE
CONDITIONS TO AVOID (STABILITY):	AVOID EXCESSIVE HEAT OR OPEN FLAMES.
INCOMPATIBILITY (MATERIAL TO AVOID):	CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS, STRONG LEWIS ACIDS OR MINERAL ACIDS.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	CO ₂ , ALDEHYDES, ACIDS. REACTION WITH SOME CURING AGENTS CAN GENERATE LARGE AMOUNTS OF HEAT.
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

SECTION 11 – TOXICOLOGICAL INFORMATION

Component Benzyl Alcohol:	INHALATION LC50 (4 hr) >4,178 mg/l (rat) DERMAL LD50 >2,000 mg/kg (rabbit) RATS EXPOSED TO 800 MG/KG FOR THIRTEEN WEEKS EXHIBITED CNS DEPRESSION AND HISTOPATHOLOGICAL CHANGES IN THE BRAIN, THYMUS AND SKELETAL MUSCLES. THE "NO OBSERVED ADVERSE EFFECT LEVEL" (NOAEL) WAS 400 MG/KG. NO EVIDENCE OF CARCINOGENICITY WAS SEEN IN TWO YEAR STUDY WITH RATS AND MICE.
Component CAS# 2855-13-2:	ORAL LD50 = 1,030 mg/kg (rat) SKIN IRRITATION Corrosive Subcategory 1C where responses occur after exposures between 1 hour and 4 hours, and observations up to 14 days. EYE IRRITATION Risk of serious damage to eyes. PRODUCT (Magnusson-Kingman Test) guinea pig: may cause SENSITIZATION sensitization by skin contact. PRODUCT Oral rat NOEL (No Observed Effect Level) = 250 mg/kg TERATOGENICITY
Component CAS# 69-72-7:	ACUTE ORAL LD50 (rat) = 891 mg/kg [behavioral somnolence TOXICITY (general depressed activity, behavioral muscle Weakness)]. ACUTE INHALATION LC50 (rat) >900mg/m ³ , 1 hr. TOXICITY ACUTE DERMAL LD50 (rabbit) >10,000 mg/kg TOXICITY SKIN IRRITATION Rabbit – mild skin irritation – 24 hr EYE IRRITATION Rabbit – severe eye irritation

SECTION 12 – ECOLOGICAL INFORMATION

Component Benzyl Alcohol:	EC50 (48 hr) = 400 mg/l, Daphnia Magna EC50 (72 hr) = 2,600 mg/l, Algae BIODEGRADATION BOD ₂ 62, slightly or not bioaccumulative TOXICITY TO FISH – LC50 (96 hr) = 10 mg/l, Bluegill sunfish (<i>Lepomis macrochirus</i>) LC50 (96 hr) = 460 mg/l Fathead minnow (<i>Pimephales promelas</i>) TOXICITY TO ALGAE – IC50 (72 hr) = 700 mg/l
Component CAS# 2855-13-2:	BIODEGRADABILITY = 42% (is NOT readily biodegradable) BIOACCUMULATION – No significant accumulation of the component in organisms is to be expected. MOBILITY The soil mobility of the component is only minimally affected by adsorption to soil components. TOXICITY TO FISH LC50 (96 hr) = 110 mg/l (<i>Iuciscus idus</i>) TOXICITY TO NOEC = 3 mg/l (504 hr). EC50 (48 hr) = 23 mg/l DAPHNIA (daphnia magna). ErC50 (72 hr) = 50 mg/l (<i>scenedesmus subspicatus</i>). NOEC (72 hr) = 1.5 mg/l (<i>scenedesmus subspicatus</i>). TOXICITY TO EC10 (18 hr) = 1,120 mg/l (<i>pseudomonas putida</i>) BACTERIA

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: EVERGLOW TL300 EPOXY COATING

Component CAS# 69-72-7:	TOXICITY TO FISH	LC50 = 96 mg/l (leuciscus idus)
	TOXICITY TO DAPHNIA	105 mg/l (24 hr, daphnia magna)
	MUTAGENIC EFFECTS	Mutagenic for bacteria and/or yeast.
	DEVELOPMENTAL TOXICITY	Classified reproductive system toxin/female, developmental toxin possible.

SECTION 13 – WASTE DISPOSAL

WASTE DISPOSAL METHOD: DISPOSE OF THIS MATERIAL AS A HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

SECTION 14 – TRANSPORT INFORMATION

DOT: UN1760, CORROSIVE LIQUID N.O.S. (CONTAINS ISOPHORONE DIAMINE), 8, PG III
IMO/IMDG: UN1760, CORROSIVE LIQUID N.O.S. (CONTAINS ISOPHORONE DIAMINE), 8, PG III

SECTION 15 – REGULATORY INFORMATION

Component Benzyl Alcohol: E20/22 Harmful by Inhalation and if Swallowed. On TSCA list; on DSL Canada.
Component CAS# 2855-13-2: Acute health hazard. Ingredients on TSCA list. International Chemical Status listed/registered – EINECS/ELINCS, DSL Canada, AICS, MITI, TCOL, PICCS, China, New Zealand.
Component CAS# 69-72-7: Component is on the Pennsylvania and New Jersey Right to Know lists. Component is on the TSCA and DSL Canada lists.
Component CAS# 68609-08-5: Component is on the DSL Canada and TSCA lists.

SECTION 16 – OTHER INFORMATION

DISCLAIMER: The information contained herein is based on the data available and is believed to be accurate. However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.