

Material Safety Data Sheet

I. Chemical Product And Company Data

PRODUCT: EP50 T PRIMER PART A
CHEMICALFAMILY: Epoxy Resin
REVISION DATE: March 07
MANUFACTURER: Adurel International Inc
820 Water St. Racine WI 53403
800-860-5834 Fx 262-632-3446

Health	1
Flammability	1
Reactivity	0
Personal Protection	H

II. Composition / Information On Ingredients

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

HAZARDOUS INGREDIENTS	CAS NO	EXPOSURE LIMITS			CONTENT
		TLV	STEL	PEL	
Proprietary Ingredients		N/A	N/A	N/A	Balance
Bisphenol A Epoxy Resin	025085-99-8	N/A	N/A	N/A	<95%
Benzyl Alcohol	100-51-6	N/A	N/A	N/A	<10%

California Proposition 65 ingredients

None

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None 9016-87-9

III. Hazards Identification

HMIS Hazard Rating No. 3

PRIMARY ROUTE OF ENTRY: Eye and skin contact, breathing and ingestion.

Symptoms of Exposure

Skin Contact: Prolonged or repeated exposure may cause skin irritation and redness. Skin sensitization or allergic reaction may occur in some individuals.

Eyes: Protect may cause irritation to the eyes.

Inhalation No known health information on inhalation of vapors.
Ingestion: Not expected to be a relevant route of exposure although it may cause gastrointestinal irritation, nausea, vomiting and abdominal pain.

IV. First Aid Measures

Inhalation Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance

Eyes Flush eyes with cold water for 15 minutes, lifting lower and upper eye lids throughout. Seek medical assistance.

Skin Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.

Ingestion Do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

V. Fire Fighting Methods

HMIS Hazard Rating No. 1

Flash Point: >200.0 °F

General Hazard: Decomposition and combustion products may be toxic.

Auto-Ignition Temp.: Not Available

Limits of Flammability

Extinguishing Media

Special Fire & Unusual Hazards Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Flush area with water spray. Clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in manner which complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

VII. Handling And Storage

Average Shelf Life: 1 yr unopened

Special Instructions

Store in a cool place and keep from freezing.

VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard.

Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

IX. Physical And Chemical Properties

Boiling Point (°C):	100		
Percent Volatile:	<100g.l or .84 lbs/gal	Water/Oil Distribution Coefficient:	N/A
Freezing Point (°C):	N/A	Solubility in Water:	negligible
Vapor Pressure @ 20° C	N/A	Specific Gravity @20° C	1.15
Vapor Density	>air	pH:	N/A
Odor Threshold:	N/A	Evaporation Rate:	Slower cf ether
Appearance:	Clear liquid	Odor:	Mild Epoxy
N/A = Not Available	N/D=NOT Determined		

Ca. = Approximate

X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability Stable

Incompatibility: Strong acids, bases, amines and oxidizing agents

Hazardous Decomposition Products Oxides of carbon, and phenolics in fire; Decomposition and Combustion products may be toxic

Conditions To Avoid Excess heating above 60C over long periods degrades resin.

XI. Toxicity Information

HMIS Hazard Rating No. 3

PRIMARY ROUTE OF ENTRY: Inhalation, dermal

Effects Of Overexposure

Inhalation: No information available

Eyes: Contact may cause irritation

Skin Contact: In some individuals may cause irritation.

Ingestion: Not expected to be a relevant route of exposure although it may cause gastrointestinal irritation, nausea, vomiting and abdominal pain.

XII. Ecological Information

Marine Pollutant: Material is highly toxic to aquatic organisms on an acute basis. Bioconcentration potential is low.

Biodegradation under aerobic static lab conditions is below detectable limits.

(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

XIII. Disposal Considerations

Handle disposal of waste material in manner which complies with all applicable local, state, provincial and federal regulations.

XIV. Transport Information

DOT SHIPPING INFORMATION

DOT Proper Shipping Name NOT REGULATED

DOT Hazard Class

DOT I.D Number

Label(s)

XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)

Hazardous

CERCLA/ Super fund (40 CFR 117,302)

N/A

SARA Extremely Hazardous Substances (40 CFR 355)

N/A

SARA Hazard Categories (40 CFR 370)

SARA Toxic Chemicals (40 CFR 372)

Inventory Status

See section II supplier notification
The chemicals in this product are listed on the US TSCA Chemical Substance Inventory and the Canadian Domestic Substances List.

XVI. Other Information

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, LymTal INTERNATIONAL INC. CAN NOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR ITS USE.