

MATERIAL SAFETY DATA SHEET

TwoMorrow Holdings LLC. 1360 Old Dixie HWY #103 Emergency Phone (772) 770-1225

PRODUCT NAME: MarinEpoxy RESINS: 127, 900, 1500, UV Inhibited Part A, Tabletop Resin, Superfast Resin Effective Date: 6-1-2015

Product Code: MarinEpoxy - Resin, MarinEpoxy - Table Top,

1. INGREDIENTS:

Reaction products of Epichlorohydrin and Bisphenol A CAS # 025-085-99-8
>80%

Alkyl Glycidyl Ether CAS # 068609-97-2
<20%

Benzyl Alcohol CAS # 100-51 -6
<10%

The balance of materials are trade secrets CAS # Proprietary
<5%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances Not Hazardous per this OSHA Standard may be listed. Where proprietary ingredients are shown, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: not applicable

VAP PRESS: not applicable

VAP DENSITY: not applicable

SOL. In WATER: none

SP. GRAVITY: 1.12-1.14 APPEARANCE: straw colored liquid

3. FIRE AND EXPLOSION HAZARD DATA:

FLASHPOINT: 245 F

METHOD USED: PMCC FLAMMABLE LIMITS:

LFL: not applicable

UFL: not applicable EXTINGUISHING MEDIA: foam, CO2, dry chemical FIRE AND EXPLOSION HAZARDS: none

FIRE FIGHTING EQUIPMENT: Wear positive pressure self-contained breathing apparatus.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Excess heating over long periods of time degrades the resin.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Base.

HAZARDOUS DECOMPOSITION PRODUCTS: The by-products expected in incomplete pyrolysis or combustion of epoxy resins are mainly phenolics, carbon monoxide, and water. The thermal decomposition products of epoxy resins therefore should be treated as potentially hazardous substance. Appropriate precautions should be taken.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS / LEAKS: Soak up in absorbent material and collect in suitable containers. Residual may be removed using steam or hot soapy water.

DISPOSAL METHOD: Burn in adequate incinerator or bury in an approved landfill; in accordance with local, state, and federal regulations.

6. HEALTH HAZARD DATA:

EYE: Minor transient irritation, No corneal injury is likely.

SKIN CONTACT: May cause allergic skin reaction in susceptible individuals. Prolonged exposure not likely to cause significant skin irritation. Repeated exposure may cause skin irritation.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. The LD50 for skin absorption in rabbits is 20,000 mg/kg.

INGESTION: Low acute oral toxicity; LD50 (rat) greater than 400 mg/kg. No hazards anticipated from ingestion incidental to industrial exposure.

INHALATION: Vapors are unlikely due to physical properties. Not a problem unless heated to high temperature.

SYSTEMIC AND OTHER EFFECTS: Except for skin sensitization, repeated exposure to low molecular weight epoxy resins of this type are not anticipated to cause any significant adverse effects.

A poorly characterized sample of molecular weight epoxy resin of this type has been reported to produce skin cancer in a highly sensitive strain of mice. However, high levels of impurity compromise the validity of manufacturing processes is not believed to be a cancer hazard to humans. Results of mutagenicity tests in animals have been negative. It has been shown to be negative in some in vitro mutagenicity tests and positive in others.

7. FIRST AID:

EYES: Irrigation of the eye immediately with water for five minutes is good safety practice.

SKIN: Contact will probably cause no more than irritation. Wash off in flowing water or shower. Wash clothing before reuse. INGESTION: Remove to fresh air if effects occur. Consult medical personnel.

NOTE TO PHYSICIAN: No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

8. HANDLING PRECAUTIONS:

VENTILATION: Good room ventilation usually adequate for most operations. RESPIRATORY

PROTECTION: None needed.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. Use impervious gloves when prolonged or frequently repeated contact could occur. EYE

PROTECTION: Use chemical goggles.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Practice good caution and personnel cleanliness to avoid skin and eye contact. Avoid breathing vapors of heated material.

10. NFPA HAZARD RATING:

STATUS ON SUBSTANCE LISTS:

The concentrations shown in this document are maximum or ceiling levels (expressed in weight %, unless otherwise specific) to be used for regulations. Trade Secrets are indicated by "TS".

FEDERAL EPA

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT OF 1980 (CERCLA): Requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at level, which could require reporting under the statute are:

Chemical Name	CAS Number	% By Weight	NONE
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SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SAR) TITLE III:

Sections 301-304 require emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQS) in 40 CFR 355. Components present in this product at level, which could require reporting under the statute are: Chemical Name CAS Number % By Weight NONE

Sections 311-312 require products to be reviewed and applicable EPA Hazard Definitions be identified.

EPA HAZARD CLASSIFICATIONS:

Acute Hazard	Chronic Hazard	Fire Hazard	Pressure Hazard	Reactive Hazard
No	No	No	No	No

Section 313 requires submission of annual reports of releases of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSD's that are copied and distributed for this material. Components present in this product at level, which could require reporting under the statute are: Chemical Name CAS Number % By Weight NONE

If you are unsure if you must report more information, call the EPA Emergency Planning and Right-To-Know Hot line: 800-535-0202 or 202-479-2449.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

The components of this product are contained on the chemical substance inventory list.

OTHER REGULATORY INFORMATION: D.O.T. Shipping Name: Not Regulated

The information herein is given in good faith, but no warranty expressed or implied is made.

11. LABEL ELEMENTS:

Labeling according to Regulations (EC) No 1272/2008

Hazard Pictograms:

warning

GHS07

Signal Word: WARNING

Hazard-determining components of labelling: Bisphenol A based Epoxy Resin

Hazard Statements:

H312: Harmful in contact with skin

H317: May cause an allergic skin reaction

H412: Harmful to aquatic life with long lasting effects

Precautionary Statements:

P264: Wash hands thoroughly after handling

P270: Do not eat, drink, or smoke when using this product

P271: Use only in well ventilated area

P273: Avoid release to the environment

P280: Wear Protective gloves/protective clothing/eye protection/face protection

P337+P313: If eye irritation persist: Get medical advice/attention

P370+P378: In case of fire: Use for extinction: CO₂, powder, or water spray

P302+P352: If on skin: Wash with plenty of soap and water

P391 Collect spillage

P304+P235: Store in well-ventilated place. Keep cool

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

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