SAFETY DATA SHEET

UV Resistant Epoxy PART A

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Epoxy 4500 Part A Resin
PRODUCT CODES: 1400
MANUFACTURER: Epoxy2U, LLC
DIVISION: Floor Coating
ADDRESS: 4602 S 36th St, Phoenix, AZ 85040
PRODUCT USE: Floor Coating
PREPARED BY: Epoxy2U, LLC

CHEMICAL SPILL
EMERGENCY PHONE: 800-255-3924
CHEMTEL PHONE: 800-255-3924
OTHER CALLS:
FAX PHONE:
CHEMICAL NAME:
CHEMICAL FAMILY:
CHEMICAL FORMULA:

SECTION 2: HAZARDS IDENTIFICATION

GHS classification

Skin Irritation, Category 2
Eye Irritation, Category 2A
Skin sensitization, Category 1
Acute aquatic toxicity, Category 2
Chronic aquatic toxicity, Category 2

GHS label elements

Signal Word: Warning

Hazard pictograms/symbols



Hazard Statements:

H319 Causes serious eye irritation.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P272 Contaminated work clothing should not be allowed out of the workplace. P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P311 If skin irritation or rash occurs: Call a POISON CENTER or Doctor/physician.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	WGT%	CAS#
Reaction products of Epichlorohydrin and Bisphenol A	Approximately 95%	25068-38-6
1,4-bis(2,3-epoxypropoxy)butane	Approximately 5%	2425-79-8

SECTION 4: FIRST AID MEASURES

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

SKIN: Contact will probably cause no more than irritation. Wash off n flowing water or shower. Wash clothing before reuse.

INGESTION: Low in toxicity. No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: Remove to fresh air if effect occurs. Consult medical personnel.

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

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media : Suitable extinguishing media: foam, water spray, dry powder, carbon dioxide

Special hazards arising from the substance or mixture Carbon oxides, Hydrogen chloride gas, Hydrogen fluoride

Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary.

Further information Use water spray to cool unopened containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

METHODS FOR CLEANING UP : Soak up in absorbent material and collect in suitable containers. Residual may be removed using steam or hot soapy water.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking.conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Good room ventilation usually adequate for most operations.

RESPIRATORY PROTECTION: None normally needed.

EYE PROTECTION: Use chemical goggles.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Straw colored liquid.	**VAPOR PRESSURE (mmHg):**	F: NA (C: N/A)
ODOR:	Weak	**VAPOR DENSITY (AIR = 1):**	N/A
PHYSICAL STATE:	Liquid	**SPECIFIC GRAVITY (H2O = 1):**	1.12-1.14
BOILING POINT:	>252 °C	**Flammability**	not flammable

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID (STABILITY): See SDS section 7 - Handling and storage.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, strong bases, strong oxidizing agents, strong reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Decomposition products:carbon oxides, nitrogen oxides Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

CHEMICAL STABILITY: The product is stable if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

11.0 TOXICOLOGICAL INFORMATION

Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.
Inhalation
No applicable information available.
Dermal
No applicable information available.
Assessment other acute effects
No applicable information available.
Irritation / corrosion
Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation. No applicable information available.
Sensitization
Assessment of sensitization: Sensitization after skin contact possible.

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.
Genetic toxicity
Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.
Carcinogenicity
Assessment of carcinogenicity: Based on the ingredients there is no suspicion of a carcinogenic effect in humans. Based on available Data, the classification criteria are not met.
Reproductive toxicity
Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.
Teratogenicity
Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.
Other Information
The product has not been tested. The statement has been derived from the properties of the individual components.
Symptoms of Exposure
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity: No information available.
12.2 Persistence and degradability: Not readily biodegradable (by OECD criteria).
12.3 Bioaccumulative potential: Because of the product's consistency and low water solubility, bioavailability is improbable.
12.4 Mobility in soil: The substance will not evaporate into the atmosphere from the water surface.
12.5 Other adverse effects: Do not discharge product into the environment without control. The product has not been tested.N/A

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Preferred method of disposal includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or watercourses. Waste must be disposed of in accordance with federal, state and local environmental control regulations. This material, when properly mixed and cured with its resin component at the proper mix ratio, may be safely land filled. Contaminated packaging: mpty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Hazard warning labels should be removed from the container only after it has been properly emptied.

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

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: NOT REGULATED BY D.O.T.
HAZARD CLASS: N/A
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT):
The components of this product are contained on the chemical substance inventory list.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):
Requires notific tion 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	RQ
NONE	N/A	N/A	N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):
Sections 301-304 require emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355. Components present in this product at a level which could require reporting under this statute are:

Chemical Name	CAS Number	% By Weight
NONE	N/A	N/A

311/312 HAZARD CATEGORIES:
Sections 311-312 require products be reviewed and applicable EPA Hazard Definitions be identified and made nown.

EPA HAZARD CLASSIFICATIONS:

Acute Hazard	Chronic Hazard	Fire Hazard
NO	NO	NO

Pressure Hazard	Reactive Hazard
NO	NO

313 REPORTABLE INGREDIENTS:
Section 313 requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDSs 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	N/A	N/A

SECTION 15 NOTES: 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. The concentrations shown in this document are maximum or ceiling levels (expressed in weight %, unless otherwise specified) o be used for regulations. Trade Secrets are indicated by "TS".

SECTION 16: Other Information

The information herein is given in good faith, but no warranty expressed or implied is made. MONSTER EPOXY, LLC urges suppliers and users of this product to evaluate its suitability and compliance with local regulations as MONSTER EPOXY, LLC cannot foresee the nature of the final application nor final location of usage.