

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Vers-E-Poxy 122 W/R Epoxy Cure (Pt B)

**Other means of identification**

**Product Code** MM-0230

**UN/ID no** UN3066

**SKU(s)** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** No information available.

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Diamond Vogel  
1020 Albany Place SE  
Orange City, IA 51041  
Phone: (712) 737-4993  
Fax: (712) 737-4997

**Emergency telephone number**

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 2

### Emergency Overview

**Danger**

**Hazard statements**

Causes severe skin burns and eye damage

May cause an allergic skin reaction

May cause damage to organs



**Appearance** No information available      **Physical state** Liquid      **Odor** No information available

**Precautionary Statements - Prevention**

Do not breathe dust/fume/gas/mist/vapors/spray  
Wash face, hands and any exposed skin thoroughly after handling  
Wear protective gloves/protective clothing/eye protection/face protection  
Contaminated work clothing should not be allowed out of the workplace  
Do not eat, drink or smoke when using this product

**Precautionary Statements - Response**

Immediately call a POISON CENTER or doctor/physician  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor/physician  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
Wash contaminated clothing before reuse  
If skin irritation or rash occurs: Get medical advice/attention  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Immediately call a POISON CENTER or doctor/physician  
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- May be harmful if swallowed
- May be harmful in contact with skin
- Harmful to aquatic life with long lasting effects
- Harmful to aquatic life

Unknown acute toxicity      0% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%	Trade Secret
Polyoxypropylenediamine	9046-10-0	1 - 5	*
Triethylenetetramine	112-24-3	1 - 5	*
Aminoethylpiperazine	140-31-8	1 - 5	*
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	1 - 5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of first aid measures**

**Eye contact**      Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin Contact**      Wash skin with soap and water.

**Inhalation**      Remove to fresh air.

**Ingestion**      Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**      No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

NIOSH *Immediately Dangerous to Life or Health*

**Other Information**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls**

<b>Engineering Controls</b>	Showers Eyewash stations Ventilation systems.
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**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	No special technical protective measures are necessary.
<b>Skin and body protection</b>	No special technical protective measures are necessary.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	No information available
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	No information available	
<b>Melting point / freezing point</b>	No information available	
<b>Boiling point / boiling range</b>	>= 130 °C / 266 °F	
<b>Flash point</b>	> 94 °C / > 201 °F	
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No information available	
<b>Lower flammability limit:</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific Gravity</b>	1.04	
<b>Water solubility</b>	No information available	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No information available	
<b>Decomposition temperature</b>	No information available	
<b>Kinematic viscosity</b>	No information available	
<b>Dynamic viscosity</b>	No information available	
<b>Explosive properties</b>	No information available	
<b>Oxidizing properties</b>	No information available	

**Other Information**

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>Liquid Density</b>	8.66 lbs/gal
<b>Bulk density</b>	No information available
<b>Percent solids by weight</b>	100.0%
<b>Percent volatile by weight</b>	0.0%
<b>Percent solids by volume</b>	100.0%
<b>Actual VOC (lbs/gal)</b>	0
<b>Actual VOC (grams/liter)</b>	0
<b>EPA VOC (lbs/gal)</b>	0

EPA VOC (grams/liter) 0  
EPA VOC (lb/gal solids) 0

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Polyoxypropylenediamine 9046-10-0	= 242 mg/kg ( Rat )	= 2980 mg/kg ( Rabbit )	> 0.74 mg/L ( Rat ) 8 h
Triethylenetetramine 112-24-3	= 2500 mg/kg ( Rat )	= 550 mg/kg ( Rabbit )	-
Aminoethylpiperazine 140-31-8	= 2140 µL/kg ( Rat )	= 866 mg/kg ( Rabbit )	-
2,4,6-tris(dimethylaminomethyl)phenol 90-72-2	= 1200 mg/kg ( Rat )	= 1280 mg/kg ( Rat )	-

### Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	No information available.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document mg/kg

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Harmful to aquatic life with long lasting effects

48.69% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Crustacea
Triethylenetetramine 112-24-3	2.5: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 20: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.7: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	495: 96 h <i>Pimephales promelas</i> mg/L LC50 570: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static	31.1: 48 h <i>Daphnia magna</i> mg/L EC50
Aminoethylpiperazine 140-31-8	495: 72 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	1950 - 2460: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1000: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 100: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 semi-static	32: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

Chemical name	Partition coefficient
Polyoxypropylenediamine 9046-10-0	1.34
Triethylenetetramine 112-24-3	-1.4
Aminoethylpiperazine 140-31-8	-1.48

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**14. TRANSPORT INFORMATION****DOT**

UN/ID no	UN3066
Proper shipping name	Paint
Hazard class	8
Packing Group	II
Special Provisions	B2, IB2, T7, TP2, TP28
Description	UN3066, Paint, 8, II
Emergency Response Guide Number	153

**TDG**

UN/ID no	UN3066
Proper shipping name	Paint
Hazard class	8
Packing Group	II
Special Provisions	59
Description	UN3066, Paint, 8, II

**MEX**

UN/ID no	UN3066
Proper shipping name	Paint
Hazard class	8
Special Provisions	163
Packing Group	II
Description	UN3066, Paint, 8, II

**ICAO (air)**

UN/ID no	UN3066
Proper shipping name	Paint
Hazard class	8
Packing Group	II
Special Provisions	A3, A72
Description	UN3066, Paint, 8, II

**IATA**

UN Number	UN3066
Proper shipping name	Paint
Transport hazard class(es)	8
Packing Group	II
ERG Code	8L
Special Provisions	A3, A72, A803
Description	UN3066, Paint, 8, II

**IMDG**

UN Number	UN3066
Transport hazard class(es)	8
Packing Group	II
EmS-No	F-A, S-B
Special Provisions	163
Description	UN3066, Paint, 8, II

**RID**

UN/ID no	UN3066
Proper shipping name	Paint
Transport hazard class(es)	8
Packing Group	II
Classification code	C9
Special Provisions	163
Description	UN3066, Paint, Environmentally Hazardous, 8, II
Labels	8

**ADR**

UN Number	UN3066
Proper shipping name	Paint
Transport hazard class(es)	8
Packing Group	II
Classification code	C9
Tunnel restriction code	(E)
Special Provisions	163
Description	UN3066, Paint, Environmentally Hazardous, 8, II, (E)
Labels	8

**ADN**

Proper shipping name	Paint
Transport hazard class(es)	8
Packing Group	II
Classification code	C9
Special Provisions	163
Description	UN3066, Paint, Environmentally Hazardous, 8, II
Hazard label(s)	8
Limited quantity (LQ)	1 L
Equipment Requirements	PP, EP

**15. REGULATORY INFORMATION****International Inventories**

TSCA	Complies
DSL/NDSL	Complies *

\* This product contains an unknown chemical, therefore, this product's compliance to the inventory list is NOT DETERMINED

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Propylene oxide - 75-56-9	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts
Triethylenetetramine 112-24-3	X	X
Aminoethylpiperazine 140-31-8	X	X

Chemical name	Pennsylvania
Triethylenetetramine 112-24-3	X
Aminoethylpiperazine 140-31-8	X

**U.S. EPA Label Information**

EPA Pesticide Registration Number Not applicable

This product contains no Hazardous Air Pollutants individually at 1% by weight, or greater.

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**



<u>NFPA</u>	Health hazards 3	Flammability 1	Instability 0	Physical and chemical properties -
<u>HMIS</u>	Health hazards 3	Flammability 1	Physical hazards 0	Personal protection X

Revision Date 03-Nov-2022

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Shipping information may vary based upon container size and shipping destination. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage, or release to the environment. The manufacturer assumes no responsibility for injury to the recipient or third persons, or for any damages to any property resulting from misuse of the product.

**End of Safety Data Sheet**