

**Kit Components**

Product code	Description
<b>955</b>	<b>Vibra-TITE® Epoxy 955 High Flex Epoxy</b>

## Components:

955A	Vibra-TITE Epoxy
955B	Vibra-TITE® Epoxy

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/17/2024

Reviewed on 10/04/2022

**1 Identification****- Product identifier**

- **Trade name:** Vibra-TITE Epoxy
- **Synonyms:** 955 High Flex Epoxy - Resin - Part A
- **Part number:** 955A
- **CAS Number:**  
25068-38-6
- **NLP Number:**  
500-033-5
- **Index number:**  
603-074-00-8

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

- **Manufacturer/Supplier:**  
ND Industries, Inc  
1000 North Crooks Road  
Clawson, MI 48017  
USA  
Telephone: +1-248-288-0000  
Email: info@ndindustries.com  
Website: www.ndindustries.com
- **Information department:** Product Safety Department
- **Emergency telephone number:**  
United States: 1-800-424-9300  
International: +1-703-527-3887

**2 Hazard(s) identification****- Classification of the substance or mixture**

GHS07

Acute Toxicity - Oral 4 H302 Harmful if swallowed.  
Skin Irritation 2 H315 Causes skin irritation.  
Eye Irritation 2A H319 Causes serious eye irritation.  
Sensitization - Skin 1 H317 May cause an allergic skin reaction.

**- Label elements**

- **GHS label elements** The substance is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning

**- Hazard-determining components of labeling:**

Bisphenol-A epoxy resin

**- Hazard statements**

H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

**- Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P272 Contaminated work clothing must not be allowed out of the workplace.  
P280 Wear protective gloves.  
P280 Wear eye protection / face protection.  
P301+P312 If swallowed: Call a poison center/doctor if you feel unwell.  
P330 Rinse mouth.

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P302+P352	If on skin: Wash with plenty of water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

**- Other hazards****- Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### \* 3 Composition/information on ingredients

**- Chemical characterization: Substances****- CAS No. Description**

CAS: 25068-38-6 Bisphenol-A epoxy resin

**- Identification number(s)**

- **NLP Number:** 500-033-5
- **Index number:** 603-074-00-8

### 4 First-aid measures

**- Description of first aid measures****- After inhalation:**

Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.  
Supply fresh air; consult doctor in case of complaints.

**- After skin contact:** Immediately wash with water and soap and rinse thoroughly.**- After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.**- After swallowing:** If symptoms persist consult doctor.**- Information for doctor:**

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

**- Extinguishing media****- Suitable extinguishing agents:** Use fire fighting measures that suit the environment.**- Special hazards arising from the substance or mixture** No further relevant information available.**- Advice for firefighters****- Protective equipment:**

Wear self-contained respiratory protective device.  
Wear fully protective suit.

### 6 Accidental release measures

**- Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Wear protective clothing.

**- Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

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

Ensure adequate ventilation.  
Dispose of the collected material according to regulations.

**- Reference to other sections**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

**- Handling:****- Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

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Prevent formation of aerosols.

- **Information about protection against explosions and fires:** No special measures required.- **Conditions for safe storage, including any incompatibilities**- **Storage:**- **Requirements to be met by storerooms and receptacles:** No special requirements.- **Information about storage in one common storage facility:** Not required.- **Further information about storage conditions:** Keep receptacle tightly sealed.- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.- **Control parameters**- **Components with limit values that require monitoring at the workplace:** Not required.- **Additional information:** The lists that were valid during the creation were used as basis.- **Exposure controls**- **Personal protective equipment:**- **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

- **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Nitrile rubber, NBR

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**- **General Information**- **Appearance:**- **Form:** Viscous- **Color:** Clear- **Odor:** Characteristic- **Odor threshold:** Not determined.- **pH-value:** Not determined.- **Change in condition**- **Melting point/Melting range:** Undetermined.- **Boiling point/Boiling range:** 260 °C (500 °F)- **Flash point:** 251 °C (483.8 °F)- **Flammability (solid, gaseous):** Not applicable.- **Decomposition temperature:** Not determined.- **Ignition temperature:** Not determined.- **Danger of explosion:** Product does not present an explosion hazard.- **Explosion limits:**- **Lower:** Not determined.- **Upper:** Not determined.

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- <b>Vapor pressure:</b>	Not determined.
- <b>Density at 20 °C (68 °F):</b>	1.17 g/cm <sup>3</sup> (9.76365 lbs/gal)
- <b>Relative density</b>	Not determined.
- <b>Vapor density</b>	Not determined.
- <b>Evaporation rate</b>	Not determined.
- <b>Solubility in / Miscibility with</b>	
- <b>Water:</b>	Not miscible or difficult to mix.
- <b>Partition coefficient (n-octanol/water):</b>	Not determined.
- <b>Viscosity:</b>	
- <b>Dynamic:</b>	Not determined.
- <b>Kinematic:</b>	Not determined.
- <b>VOC content:</b>	0.00 % 0.0 g/l / 0.00 lb/gal
- <b>Solids content:</b>	0.0 %
- <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**
    - **Primary irritant effect:**
      - **on the skin:** Irritant to skin and mucous membranes.
      - **on the eye:** Irritating effect.
    - **Sensitization:** Sensitization possible through skin contact.
  - **Additional toxicological information:**
    - **Carcinogenic categories**

### - IARC (International Agency for Research on Cancer)

Substance is not listed.

### - NTP (National Toxicology Program)

Substance is not listed.

### - OSHA-Ca (Occupational Safety & Health Administration)

Substance is not listed.

## 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
  - **Bioaccumulative potential** No further relevant information available.
  - **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
  - **Remark:** Toxic for fish
- **Additional ecological information:**
  - **General notes:**
    - Water hazard class 2 (Assessment by list): hazardous for water
    - Do not allow product to reach ground water, water course or sewage system.
    - Danger to drinking water if even small quantities leak into the ground.
    - Also poisonous for fish and plankton in water bodies.
    - Toxic for aquatic organisms

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- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

<ul style="list-style-type: none"> <li>- <b>UN-Number</b></li> <li>- <b>DOT, IMDG, IATA</b></li> </ul>	UN3082
<ul style="list-style-type: none"> <li>- <b>UN proper shipping name</b></li> <li>- <b>DOT</b></li> <li>- <b>IMDG</b></li> <li>- <b>IATA</b></li> </ul>	Environmentally hazardous substance, liquid, n.o.s. (bisphenol-A-(epichlorhydrin); epoxy resin) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin); epoxy resin), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin); epoxy resin)
<ul style="list-style-type: none"> <li>- <b>Transport hazard class(es)</b></li> <li>- <b>DOT, IMDG, IATA</b></li> </ul> <div style="text-align: center;">  </div> <ul style="list-style-type: none"> <li>- <b>Class</b></li> <li>- <b>Label</b></li> </ul>	9 Miscellaneous dangerous substances and articles 9
<ul style="list-style-type: none"> <li>- <b>Packing group</b></li> <li>- <b>DOT, IMDG, IATA</b></li> </ul>	III
<ul style="list-style-type: none"> <li>- <b>Environmental hazards:</b></li> <li>- <b>Marine pollutant:</b></li> <li>- <b>Special marking (IATA):</b></li> </ul>	Yes (DOT) Symbol (fish and tree) Symbol (fish and tree)
<ul style="list-style-type: none"> <li>- <b>Special precautions for user</b></li> <li>- <b>Hazard identification number (Kemler code):</b></li> <li>- <b>EMS Number:</b></li> <li>- <b>Stowage Category</b></li> </ul>	Warning: Miscellaneous dangerous substances and articles 90 F-A,S-F A
<ul style="list-style-type: none"> <li>- <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b></li> </ul>	Not applicable.
<ul style="list-style-type: none"> <li>- <b>Transport/Additional information:</b></li> <li>- <b>DOT</b></li> <li>- <b>Quantity limitations</b></li> <li>- <b>Remarks:</b></li> </ul>	On passenger aircraft/rail: No limit On cargo aircraft only: No limit Special marking with the symbol (fish and tree).
<ul style="list-style-type: none"> <li>- <b>IMDG</b></li> <li>- <b>Limited quantities (LQ)</b></li> <li>- <b>Excepted quantities (EQ)</b></li> </ul>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<ul style="list-style-type: none"> <li>- <b>UN "Model Regulation":</b></li> </ul>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BISPHENOL-A-(EPICHLORHYDRIN); EPOXY RESIN), 9, III

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## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

Substance is not listed.

- **Section 313 (Specific toxic chemical listings):**

Substance is not listed.

- **TSCA (Toxic Substances Control Act):**

ACTIVE

- **Hazardous Air Pollutants**

Substance is not listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

Substance is not listed.

- **Chemicals known to cause reproductive toxicity for females:**

Substance is not listed.

- **Chemicals known to cause reproductive toxicity for males:**

Substance is not listed.

- **Chemicals known to cause developmental toxicity:**

Substance is not listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

Substance is not listed.

- **TLV (Threshold Limit Value)**

Substance is not listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

Substance is not listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** ND Industries, Inc. - Safety, Health and Environmental Affairs

- **Contact:** Safety, Health and Environmental Affairs

- **Classification System:**

- **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **NFPA ratings (scale 0 - 4)**

1	2	0	Health = 2
			Fire = 1
			Reactivity = 0

- **Date of preparation / last revision** 04/17/2024

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Toxicity - Oral 4: Acute toxicity – Category 4

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Skin Irritation 2: Skin corrosion/irritation – Category 2  
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A  
Sensitization - Skin 1: Skin sensitisation – Category 1

- \* **Data compared to the previous version altered.**

- **Disclaimer**

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**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/17/2024

Reviewed on 10/13/2022

**1 Identification****- Product identifier**

- **Trade name:** Vibra-TITE® Epoxy
- **Synonyms:** 955 High Flex Epoxy - Hardener - Part B
- **Part number:** 955B
- **Application of the substance / the mixture** Adhesives

**- Details of the supplier of the safety data sheet****- Manufacturer/Supplier:**

ND Industries, Inc  
1000 North Crooks Road  
Clawson, MI 48017  
USA  
Telephone: +1-248-288-0000  
Email: info@ndindustries.com  
Website: www.ndindustries.com

**- Information department:** Product Safety Department**- Emergency telephone number:**

United States: 1-800-424-9300  
International: +1-703-527-3887

**2 Hazard(s) identification****- Classification of the substance or mixture**

GHS06 Skull and crossbones

Acute Toxicity - Inhalation 3 H331 Toxic if inhaled.

**- Label elements****- GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).**- Hazard pictograms**

GHS06

**- Signal word** Danger**- Hazard-determining components of labeling:**

ethanamine, 2,2'-oxybis[N,N-dimethyl-

**- Hazard statements**

H331 Toxic if inhaled.

**- Precautionary statements**

- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P271 Use only outdoors or in a well-ventilated area.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P311 Call a poison center/doctor.
- P321 Specific treatment (see on this label).
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**- Other hazards****- Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**\* 3 Composition/information on ingredients****- Chemical characterization: Mixtures****- Description:** Mixture of the substances listed below with nonhazardous additions.

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Trade name: Vibra-TITE® Epoxy

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**- Dangerous components:**

CAS: 3033-62-3	ethanamine, 2,2'-oxybis[N,N-dimethyl- Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 2, H310; Acute Toxicity - Inhalation 2, H330	≤ 1%
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**4 First-aid measures****- Description of first aid measures**

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed** No further relevant information available.
  - **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**5 Fire-fighting measures****- Extinguishing media**

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
  - **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.

**6 Accidental release measures****- Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation  
Wear protective clothing.

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Dispose of the collected material according to regulations.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

**7 Handling and storage****- Handling:**

- **Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.

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

- **Storage:**
  - **Requirements to be met by storerooms and receptacles:** No special requirements.
  - **Information about storage in one common storage facility:** Not required.
  - **Further information about storage conditions:** None.

- **Specific end use(s)** No further relevant information available.

**8 Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see section 7.

**- Control parameters****- Components with limit values that require monitoring at the workplace:**

CAS: 3033-62-3	ethanamine, 2,2'-oxybis[N,N-dimethyl-
REL	Minimize exp.; NIA X Catalyst ESN; Pocket Guide App.C
TLV	Short-term value: 0.15 ppm Long-term value: 0.05 ppm Skin

- **Additional information:** The lists that were valid during the creation were used as basis.

**- Exposure controls**

- **Personal protective equipment:**
  - **General protective and hygienic measures:** Wash hands before breaks and at the end of work.

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Trade name: Vibra-TITE® Epoxy

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**- Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**- Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

**- Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**- As protection from splashes gloves made of the following materials are suitable:** Nitrile rubber, NBR**- Body protection:** Protective work clothing

## 9 Physical and chemical properties

**- Information on basic physical and chemical properties****- General Information****- Appearance:****- Form:**

Liquid

**- Color:**

Yellow

**- Odor:**

Strong

**- Odor threshold:**

Not determined.

**- pH-value:**

Not determined.

**- Change in condition****- Melting point/Melting range:**

Undetermined.

**- Boiling point/Boiling range:**

Undetermined.

**- Flash point:**

&gt; 93.3 °C (&gt; 199.9 °F)

**- Flammability (solid, gaseous):**

Not applicable.

**- Decomposition temperature:**

Not determined.

**- Ignition temperature:**

Product is not selfigniting.

**- Danger of explosion:**

Product does not present an explosion hazard.

**- Explosion limits:****- Lower:**

Not determined.

**- Upper:**

Not determined.

**- Vapor pressure:**

Not determined.

**- Density at 20 °C (68 °F):**~ 1.15 g/cm<sup>3</sup> (~ 9.59675 lbs/gal)**- Relative density**

Not determined.

**- Vapor density**

Not determined.

**- Evaporation rate**

Not determined.

**- Solubility in / Miscibility with****- Water:**

Not miscible or difficult to mix.

**- Partition coefficient (n-octanol/water):** Not determined.**- Viscosity:****- Dynamic:**

Not determined.

**- Kinematic:**

Not determined.

**- Solvent content:****- VOC content:**

0.00 %

0.0 g/l / 0.00 lb/gal

**- Solids content:**

0.0 %

**- Other information**

No further relevant information available.

## 10 Stability and reactivity

**- Reactivity** No further relevant information available.**- Chemical stability****- Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**- Possibility of hazardous reactions** No dangerous reactions known.**- Conditions to avoid** No further relevant information available.

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- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

### - Information on toxicological effects

#### - Acute toxicity:

#### - LD/LC50 values that are relevant for classification:

#### ATE (Acute Toxicity Estimate)

Oral	LD50	20,000 mg/kg
Dermal	LD50	10,000 mg/kg
Inhalative	LC50/4 h	10 mg/l

#### CAS: 3033-62-3 ethanamine, 2,2'-oxybis[N,N-dimethyl-

Oral	LD50	100 mg/kg (ATE)
Dermal	LD50	50 mg/kg (ATE)
Inhalative	LC50/4 h	0.05 mg/l (ATE)

#### - Primary irritant effect:

- **on the skin:** No irritant effect.

- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

#### - Additional toxicological information:

#### - Carcinogenic categories

#### - IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

#### - NTP (National Toxicology Program)

None of the ingredients is listed.

#### - OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

## 12 Ecological information

### - Toxicity

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

### - Behavior in environmental systems:

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

### - Additional ecological information:

#### - General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

### - Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

### - Waste treatment methods

- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

### - Uncleaned packagings:

- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

### - UN-Number

- DOT, IMDG, IATA

UN2810

### - UN proper shipping name

- DOT

Toxic, liquids, organic, n.o.s. (ethanamine, 2,2'-oxybis[N,N-dimethyl-])

(Contd. on page 5)

# Safety Data Sheet



acc. to OSHA HCS

Printing date 04/17/2024

Reviewed on 10/13/2022

Trade name: Vibra-TITE® Epoxy

(Contd. of page 4)

- <b>IMDG, IATA</b>	TOXIC LIQUID, ORGANIC, N.O.S. (ethanamine, 2,2'-oxybis[N,N-dimethyl-])
- <b>Transport hazard class(es)</b>	
- <b>DOT</b>	
	
- <b>Class</b>	6.1 Toxic substances
- <b>Label</b>	6.1
- <b>IMDG, IATA</b>	
	
- <b>Class</b>	6.1 Toxic substances
- <b>Label</b>	6.1
- <b>Packing group</b>	
- <b>DOT, IMDG, IATA</b>	III
- <b>Environmental hazards:</b>	Not applicable.
- <b>Special precautions for user</b>	Warning: Toxic substances
- <b>Hazard identification number (Kemler code):</b>	60
- <b>EMS Number:</b>	F-A,S-A
- <b>Stowage Category</b>	A
- <b>Stowage Code</b>	SW2 Clear of living quarters.
- <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
- <b>Transport/Additional information:</b>	
- <b>DOT</b>	
- <b>Quantity limitations</b>	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
- <b>IMDG</b>	
- <b>Limited quantities (LQ)</b>	5L
- <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
- <b>UN "Model Regulation":</b>	UN 2810 TOXIC LIQUID, ORGANIC, N.O.S. (ETHANAMINE, 2,2'-OXYBIS[N,N-DIMETHYL-]), 6.1, III

## 15 Regulatory information

### - Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

#### - Sara

##### - Section 355 (extremely hazardous substances):

None of the ingredients is listed.

##### - Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

##### - TSCA (Toxic Substances Control Act):

ethanamine, 2,2'-oxybis[N,N-dimethyl-]

ACTIVE

##### - Hazardous Air Pollutants

None of the ingredients is listed.

##### - Proposition 65

##### - Chemicals known to cause cancer:

None of the ingredients is listed.

##### - Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

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# Safety Data Sheet

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Trade name: Vibra-TITE® Epoxy

(Contd. of page 5)

**- Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**- Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**- Carcinogenic categories**

**- EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**- TLV (Threshold Limit Value)**

None of the ingredients is listed.

**- NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**- Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**- Department issuing SDS:** ND Industries, Inc. - Safety, Health and Environmental Affairs

**- Contact:** Safety, Health and Environmental Affairs

**- Classification System:**

**- HMIS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

**- NFPA ratings (scale 0 - 4)**

0	1	0	Health = 0
			Fire = 1
			Reactivity = 0

**- Date of preparation / last revision** 04/17/2024

**- Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 NIOSH: National Institute for Occupational Safety  
 OSHA: Occupational Safety & Health  
 TLV: Threshold Limit Value  
 PEL: Permissible Exposure Limit  
 REL: Recommended Exposure Limit  
 Acute Toxicity - Oral 3: Acute toxicity – Category 3  
 Acute Toxicity - Dermal 2: Acute toxicity – Category 2

**- \* Data compared to the previous version altered.**

**- Disclaimer**

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