

SAFETY DATA SHEET

VIKING PAINTS INC
TE-2501-A CLEAR EPOXY

Date Printed: 3/3/2016
Date Revised:
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1. Product and Company Identification

Product Name : TE-2501-A CLEAR EPOXY
Product Code : VPE-106
Recommended Use: Permanent Crack Filler for Concrete Bridge Decks.

Company Identification:
VIKING PAINTS INC
100 W 78TH ST
RICHFIELD MN, 55423

Information Phone: 612-866-1212
Emergency Phone: 1-800-535-5053 24HRS

2. Hazards Identification

2.1 Classification of the substance or mixture

GHS-US classification

Skin corrosion/irritation Category 5 H313
Eye damage/Irritation category 2A H320
Acute Toxicity - Inhalation Category 4 H332

2.2 Label elements

Symbols
Exclamation
Hazard pictograms



Signal word (GHS-US): Warning

Hazard statements (GHS-US)
H302 - Harmful if swallowed
H313 - May be harmful in contact with skin
H320 - Causes eye irritation
H332 - Harmful if inhaled

Precautionary statements

P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing fume, mist, vapours, and spray
P264 - Wash hands, forearms and face after handling
P280 - Wear protective gloves, eye protection, and protective clothing
P281 - Use personal protective equipment as required

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P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P312 - Call a POISON CENTER or doctor if you feel unwell

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention

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

P370 + P378 - In case of fire: Use foam, CO2, and dry extinguishing powder for extinction

P403 + P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

3. Composition/Information on Ingredients

| Component | CAS# | % by Wt. |
|--|--------------------------|--------------------------|
| Reaction products of Epichlorohydrin and Bisphenol A Oxirane, mono[(C12-14-alkyloxy)methyl] derivs | 25085-99-8 68609-97-2 | 50% TO 75% 10% TO 20% |

4. First Aid Measures

4.1 Description of first aid measures

First-aid measures general: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.

First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

First-aid measures after eye contact: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

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4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: Harmful if inhaled.

Symptoms/injuries after skin contact: Causes skin irritation. May cause an allergic skin reaction.

Symptoms/injuries after eye contact: Causes serious eye irritation.

Symptoms/injuries after ingestion: May cause gastrointestinal irritation

Chronic symptoms: None suspected

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Carbon dioxide. Dry powder. Foam. Water spray.

Water fog.

5.2 Special hazards arising from the substance or mixture

Fire hazard: Not classified

Explosion hazard: N/A

Reactivity: N/A

5.3 Advice for firefighters

Firefighting instructions: Use cold water spray to cool fire-exposed containers to minimize risk of rupture. Fight fire with normal precautions from a reasonable distance. Do not dispose of fire-fighting water in the environment. Exercise caution when fighting any chemical fire.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Self-contained breathing apparatus.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures: Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

6.1.1 For non-emergency personnel

Protective equipment: Wear Protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2 Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

Notify authorities if liquid enters sewers or public waters.

6.3 Methods material for containment and cleaning up

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

7. Handling and Storage

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7.1 Precautions for safe handling

Precautions for safe handling: Precautions for safe handling: Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe vapor/mist. Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a dry, cool and well-ventilated place. Keep container tightly closed. Ground and bond all transfer and storage equipment. Keep away from ignition sources

Storage temperature: Do not store above 49°C (120°F)

8. Exposure Controls/Personal Protection

8.1 Control parameters

| | | |
|--|------------|------------|
| Oxirane, mono[(C12-14-alkyloxy)methyl] derivs | 68609-97-2 | 75% TO 80% |
| Reaction products of Epichlorohydrin and Bisphenol A | 25085-99-8 | 20% TO 25% |

8.2 Exposure controls

Appropriate Engineering Controls:

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment:

Gloves. Protective goggles. Protective clothing.

Hand protection

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

Eye Protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Skin and body protection: Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection: Use NIOSH-approved dust/particulate respirator. Where vapor, mist, or dust exceed PELs or other applicable OELs, use NIOSH-approved respiratory protective equipment.

9. Physical and Chemical Properties

pH: N/A

Boiling Point: N/A

Melting Point:

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N/A

Freezing Point: N/A

Flash Point: 150+F Method: N/A
Explosive Limits:
Lower Explosive limit: N/A
Upper Explosive limit: N/A

Vapor Pressure:

Vapor Density:
N/A

Solubility
Solubility in Water:
N/A

Evaporation Rate: N/A

Flammability (solid, gas):
N/A

Exposure:

Upper Exposure Limit: N/A

Lower Exposure Limit: N/A

Specific Gravity: 1.119

Q/C spec 'VPE-106 pH' not found.

Odor:
N/A

Odor Threshold:
N/A

Appearance::
CLEAR

Viscosity:
N/A

Partition Coefficient:
N/A

Autoignition Temperature:

Decomposition Temperature:

10. Stability and Reactivity

10.1 Reactivity

No dangerous reactions known under normal conditions of use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Reacts with oxidizing agents, amines.

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10.4 Conditions to avoid

None known

10.5 Incompatible materials

N/A

10.6 Hazardous decomposition products

N/A

11. Toxicological Information

Acute toxicity: Harmful if inhaled.

Skin Corrosion/irritation: Causes skin irritation.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation: May cause an allergic reaction.

Germ cell mutagenicity: N/A

Carcinogenicity:

Reproductive toxicity: N/A

Specific target organ toxicity (single exposure)N/A

Specific target organ toxicity (repeated exposure)N/A

Aspiration hazard: N/A

12. Ecological Information

Product contains materials that are harmful to the environment.

13. Disposal Considerations

Waste Treatment Methods:

Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.

Waste disposal recommendations:

Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

14. Transport Information

Domestic (Land, DOT), International (Water, IMO/IMDG), International (Air, ICAO)

Road and Rail (ADR/RID), Air (ICAO/IATA), Vessel (IMO/IMDG):

UN Number:

UN Shipping Name:

Transport Hazard Class: Not hazardous

Packing Group: III

Environmental Hazards:

Product contains environmentally hazardous substances: Reaction products of Epichlorohydrin and Bisphenol A.

Marine Pollutant:

Yes

Special Precautions for User:

N/A

15. Regulatory Information

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U.S. Federal Regulations:
All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory

OSHA:
N/A

CERCLA: SARA Hazard Category:
N/A

Section 313:
N/A

International Regulations:

Canadian WHMIS:
N/A

Canadian Environmental Protection Act (CEPA):
N/A

EINECS:
N/A

State Regulations:

California Proposition 65
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - Right To Know List
U.S. - New Jersey - Right To Know List
Volatile Organic Compounds:
N/A

16. Other Information

Revision date:
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Prepared By: Author: Frank Eriksen
Information Contact:
N/A

Manufacturer Disclaimer:

The information in this SDS is provided without any representation or warranty expressed or implied, regarding its accuracy or completeness. The handling, storage, use & disposal of the product are beyond our control. We do not assume responsibility & disclaim liability for loss, damage or expense connected with the handling, storage or use of product.