

SAFETY DATA SHEET

VIKING PAINTS INC
TE-2501 ORIGINAL FAST SET- A EPOXY

Date Printed: 3/18/2016
Date Revised:
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1. Product and Company Identification

Product Name : TE-2501 ORIGINAL FAST SET- A EPOXY
Product Code : VPE-106-FAST SET
Recommended Use: Coating concrete surfaces

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

Combustible liquids category 4 H227
Skin Corrosion/Irritation Category 2 H315
Sensitization - Skin Category 1 H317
Eye Damage/Irritation Category 2A H319
Carcinogenicity Category 2 H351

2.2 Label elements

Symbols
Exclamation
Hazard pictograms



Signal word (GHS-US): Warning

Hazard statements (GHS-US)

H227 - Combustible liquid
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H351 - Suspected of causing cancer

Precautionary statements

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, sparks, and open flames - No smoking
P280 - Wear protective gloves, eye protection, and protective clothing

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

P403 - Store in a well ventilated place.

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.
Oxirane, mono[(C12-14-alkyloxy)methyl] derivs	68609-97-2	10% TO 20%
Reaction products of Epichlorohydrin and Bisphenol A	25085-99-8	10% TO 15%
* XYLENE	1330-20-7	5% TO 10%
* XYLENE (MIXED ORTHO,META AND PARA ISOMERS)	1330-20-7	5% TO 10%
* ETHYLBENZENE	100-41-4	1% TO 2%

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.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation:

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

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Chronic symptoms: Suspected of causing cancer.

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: Combustible.

Explosion hazard: Not an explosion hazard.

Reactivity: No dangerous reactions known under normal conditions of use.

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.

Methods for cleaning up: Eliminate ignition sources. Wear suitable protective clothing. Ventilate area. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. Handling and Storage

7.1 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

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vapor/mist. Avoid contact with skin, eyes and clothing. Keep away from sources of ignition - No smoking. 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 140 deg F

8. Exposure Controls/Personal Protection

8.1 Control parameters

Oxirane, mono[(C12-14-alkyloxy)methyl] derivs	68609-97-2	10% TO 20%
Reaction products of Epichlorohydrin and Bisphenol A	25085-99-8	10% TO 15%
* XYLENE	1330-20-7	5% TO 10%

OSHA PEL=100PPM

ACGIH=100PPM; STEL=150PPM

* XYLENE (MIXED ORTHO, META AND PARA ISOMERS)	1330-20-7	5% TO 10%
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OSHA PEL/TWA: 100 PPM OSHA PEL/STEL: 150 PPM

ACGIH TLV/TWA: 100 PPM ACGIH TLV/STEL: 150 PPM

LD50 ORAL: 4.3 G/KG (RAT) LD50 DERMAL: 3.95 ML/KG (RABBIT)

LC50 INHALATION: 5000 PPM/4H (RAT)

SARA HEALTH ASSESSMENT RANK 72

* ETHYLBENZENE	100-41-4	1% TO 2%
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OSHA PEL/TWA: 100PPM OSHA PEL/STEL: 125PPM

ACGIH TLV/TWA: 100PPM ACGIH TLV/STEL: 125PPM

LD50 ORAL: 3500 MG/KG (RAT) LD50 DERMAL: 17800 MG/KG (RABBIT)

LC50 INHALATION: LCLO: 400PPM/4H (RAT)

SARA HEALTH ASSESSMENT RANK 69

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.

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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

Boiling Point: N/A

Melting Point:

N/A

Freezing Point: N/A

Flash Point: 102 deg F

Method: TCC

Explosive Limits:

Lower Explosive limit: 0

Upper Explosive limit: 7.0

Vapor Pressure:

6.7

6

7.1

Vapor Density:

N/A

Solubility

Solubility in Water: Non-soluble

Evaporation Rate: Slower than ether

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-FAST SET

pH' not found.

Odor:

SLIGHT AMMONIA TO SLIGHT ALCOHOL ODOR.

Odor Threshold:

N/A

Appearance::

RED ACCENT LIQUID, AROMATIC ODOR

Viscosity:

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N/A

Partition Coefficient:

N/A

Autoignition Temperature:

Decomposition Temperature:

10. Stability and Reactivity

10.1 Reactivity

N/A

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid

N/A

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

Carbon oxides (CO, CO₂). Smoke.

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: Not classified

Carcinogenicity: Suspected of causing cancer.

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

No data available

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)

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

UN Number: NA1993
UN Shipping Name: Combustible liquid n.o.s.
Transport Hazard Class: Not regulated
Packing Group: Not regulated

Environmental Hazards:
N/A

Marine Pollutant:
Yes

Special Precautions for User:
N/A

15. Regulatory Information

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:
THIS PRODUCT IS CONSIDERED TO BE HAZARDOUS UNDER THE CRITERIA OF THE OSHA HAZARDOUS COMMUNICATION STANDARD 29 CFR 1910.1200

CERCLA: SARA Hazard Category:
NO REPORTABLE COMPONENTS

Section 313:

* Indicates chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

International Regulations:

Canadian WHMIS:
INFORMATION NOT AVAILABLE AT THIS TIME

Canadian Environmental Protection Act (CEPA):
INFORMATION NOT AVAILABLE AT THIS TIME

EINECS:
INFORMATION NOT AVAILABLE AT THIS TIME

State Regulations:

California Proposition 65

This product contains or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity.

68609-97-2

25085-99-8

1330-20-7

100-41-4

U.S. - Massachusetts - Right To Know List

68609-97-2

25085-99-8

1330-20-7

100-41-4

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U.S. - Pennsylvania - Right To Know List

68609-97-2

25085-99-8

1330-20-7

100-41-4

U.S. - New Jersey - Right To Know List

68609-97-2

25085-99-8

1330-20-7

100-41-4

Volatile Organic Compounds:

90.342 g/L

16. Other Information

Revision date:

3/18/2016

Prepared By: Author: Frank Eriksen

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.