

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 1 of 8

1. Product and Company Identification

Product Name : TE-2501 REGULAR CATALYST PART-B
Product Code : VPE-107
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

Corrosive Liquid Category 1 H290
Skin Corrosion/Irritation Category 2 H315
Sensitization - Skin Category 1 H317
Causes serious eye damage Category 1 H318
Acute Toxicity - Inhalation Category 4 H332
Carcinogenicity Category 2 H351

2.2 Label elements

Symbols

Corrosive, Exclamation, Health Hazard

Hazard pictograms



Signal word (GHS-US): Warning

Hazard statements (GHS-US)

H290 - May be corrosive to metals.

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

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

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 2 of 8

P210 - Keep away from heat, sparks, and open flames - No smoking
P233 - Keep container tightly closed
P261 - Avoid breathing fume, mist, vapours, and spray
P264 - Wash hands, forearms and face after handling
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves, eye protection, and protective clothing
P281 - Use personal protective equipment as required
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P303 + P361 + P353 - IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with 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

P321 - Specific treatment (See first aid instructions on this label)

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

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

P362 - Take off contaminated clothing and wash before reuse

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

P406 - Store in corrosion resistant container.

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

P405 - Store locked up N/A

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.
NONYLPHENOL	84852153	65% TO 70%
DIETHYLENETRIAMINE	111-40-0	10% TO 15%
1-METHOXY-2PROPANOL ACETATE	000108-65-6	10% TO 15%
DIETHYLENE TRIAMINE / DETA	111-40-0	10% TO 15%

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

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 3 of 8

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: 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: 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:

Explosion hazard:

Reactivity: Can react vigorously with strong oxidizing agents, mineral acids, & organic bases, especially amines. Also reactions with some curing agents may produce considerable heat, runaway cure reactions may char & decompose resin system.

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

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 4 of 8

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 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 49°C (120°F)

8. Exposure Controls/Personal Protection

8.1 Control parameters

NONYLPHENOL OSHA PEL: N/E, ACGIH TLV: N/E, MFG'S.: N/E	84852153	65% TO 70%
DIETHYLENETRIAMINE OSHA: PEL/TWA 1-PPM ACGIH: TLV/TWA 1-PPM (SKIN)	111-40-0	10% TO 15%
1-METHOXY-2PROPANOL ACETATE OSHA PEL: NOT ESTABLISHED TLV: NOT ESTABLISHED	000108-65-6	10% TO 15%
DIETHYLENE TRIAMINE / DETA OSHA PEL: 1 PPM SKIN, ACGIH TLV: 1 PPM SKIN, MFG'S.: N/A	111-40-0	10% TO 15%

8.2 Exposure controls

Appropriate Engineering Controls:

Provide adequate general and local exhaust ventilation. Use process enclosures,

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 5 of 8

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

Boiling Point: 302F - 560 deg F

Melting Point:

N/A

Freezing Point: N/A

Flash Point: 114 F.

Method: SCC

Explosive Limits:

Lower Explosive limit: 0

Upper Explosive limit: 283F

Vapor Pressure:

1

<1.0

3.7

-.1

Vapor Density:

N/A

Solubility

Solubility in Water:

N/A

Evaporation Rate:

Flammability (solid, gas):

SAFETY DATA SHEET

VIKING PAINTS INC
TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 6 of 8

N/A

Exposure:

Upper Exposure Limit: N/A

Lower Exposure Limit: N/A

Specific Gravity: .94

Q/C spec 'VPE-107 pH' not found.

Odor:

N/A

Odor Threshold:

N/A

Appearance::

Very light yellow

Viscosity:

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

Avoid contact with strong oxidizers, bases, metals, metal oxides, hydroxides, amines, and other alkaline materials. Incompatible with cyanides, sulfides, and formaldehyde. Corrodes metal, including steel. Produces heat when diluted with water.

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

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 7 of 8

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

N/A

UN Number: UN2735

UN Shipping Name: Amines, liquid, corrosive, n.o.s.

Transport Hazard Class: 8

Packing Group: II

Environmental Hazards:

N/A

Marine Pollutant:

N/A

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:

N/A

CERCLA: SARA Hazard Category:

N/A

Section 313:

N/A

International Regulations:

Canadian WHMIS:

N/A

SAFETY DATA SHEET

VIKING PAINTS INC

TE-2501 REGULAR CATALYST PART-B

FOR USE WITH GRAY AND CLEAR PART-A

Date Printed: 3/1/2016

Date Revised:

Page 8 of 8

Canadian Environmental Protection Act (CEPA):

N/A

EINECS:

N/A

State Regulations:

California Proposition 65

Eliminate all sources of ignition. Avoid Heat, flames, and sparks.

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:

181.297 g/L

16. Other Information

Revision date:

3/1/2016

Prepared By: Frank Eriksen

Information Contact:

N/A

Manufacturer Disclaimer:

N/A