SAFETY DATA SHEET

Revision Date 06-May-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name

VERSACHEM STEEL WELD EPOXY (RESIN)

Other means of identification

Product Code

47709 None

Synonyms

Recommended use of the chemical and restrictions on use

Recommended Use

(Epoxy resin)

Uses advised against

No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Distributor

ITW Permatex 10 Columbus Blvd. **ITW Permatex Canada**

Hartford, CT 06106 USA

35 Brownridge Road, Unit 1 Halton Hills, ON Canada L7G 0C6

Telephone: (800) 924-6994

Company Phone Number

1-87-Permatex

(877) 376-2839

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924

International Emergency:

00+1+ 813-248-0585

Contract Number: MIS0003453

E-mail address

mail@permatex.com

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 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1

Label elements

Emergency Overview

Warning

Causes skin irritation Causes serious eye irritation



Appearance Black

Physical state Viscous liquid

Odor Slight

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

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

If eye irritation persists: Get medical advice/attention IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Toxic to aquatic life with long lasting effects.

Unknown acute toxicity

36.3% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

substance(s)

Chemical Name	CAS No	Weight-%	Trade Secret
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN	25068-38-6	40 - 70	•
LIMESTONE	1317-65-3	10 - 30	*
PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER	28064-14-4	7 - 13	*
ALKYL GLYCIDYL ETHER	68609-97-2	1 - 5	*

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

4. FIRST AID MEASURES

Description of first aid measures

General advice

Get medical advice/attention if you feel unwell.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

Skin contact IF ON SKIN:. Wash with soap and water. If skin irritation or rash occurs: Get medical

advice/attention. Wash contaminated clothing before reuse.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If symptoms persist, call a physician.

Ingestion IF SWALLOWED:. Do NOT induce vomiting. Never give anything by mouth to an

unconscious person. Call a physician.

Self-protection of the first aider Use personal protective equ

Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO2), Dry chemical, Foam

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

None in particular.

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. Avoid contact with eyes and skin.

Use personal protective equipment as required.

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 Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel

into suitable containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

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

vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

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

Incompatible materials Strong oxidizing agents, Acids, Bases, Amines

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
LIMESTONE	-	TWA: 15 mg/m³ total dust	TWA: 10 mg/m3 total dust
1317-65-3		TWA: 5 mg/m³ respirable fraction	TWA: 5 mg/m³ respirable dust
		(vacated) TWA: 15 mg/m³ total dust	
		(vacated) TWA: 5 mg/m3 respirable	
		fraction	

NIOSH IDLH 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

Showers **Engineering Controls**

> Eyewash stations Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Wear protective gloves and protective clothing. Skin and body protection

Respiratory protection Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as

appropriate.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of

equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state Viscous liquid Black **Appearance** Odor Slight

Odor threshold No information available

Property Remarks • Method_ Values | No information available

рΗ Melting point / freezing point Boiling point / boiling range

No information available > 204 °C / 400 °F > 93 °C / > 200 °F Flash point No information available **Evaporation rate** Flammability (solid, gas) No information available

Flammability Limit in Air

Air = 1

Upper flammability limit:

Lower flammability limit:

No information available
No information available

Vapor pressure No information available Vapor density >1

Vapor density >1
Relative density 1.1-1.3
Water solubility Negligible

Solubility in other solvents No information available No information available Partition coefficient Autoignition temperature No information available Decomposition temperature No information available No information available Kinematic viscosity No information available Dynamic viscosity No information available **Explosive properties** Oxidizing properties No information available

Other Information

Softening point No information available Molecular weight No information available

VOC Content (%)

Density No information available Bulk density No information available

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

Excessive heat.

Incompatible materials

Strong oxidizing agents, Acids, Bases, Amines

Hazardous Decomposition Products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation May cause irritation of respiratory tract.

Eye contact Contact with eyes may cause irritation. May cause redness and tearing of the eyes.

Skin contact May cause skin irritation and/or dermatitis. May cause sensitization by skin contact.

Ingestion Ingestion may cause irritation to mucous membranes.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
BISPHENOL A/EPICHLOROHYDRIN BASED EPOXY RESIN 25068-38-6	= 11400 mg/kg(Rat)	•	•
ALKYL GLYCIDYL ETHER 68609-97-2	= 17100 mg/kg (Rat)	-	-

Information on toxicological effects

Symptoms No information available.

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

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Target Organ Effects Eyes, Respiratory system, Skin.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 11619 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

39.9% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

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.

US EPA Waste Number Not applicable

14. TRANSPORT INFORMATION

DOT

Proper shipping name: Not regulated

JATA

Proper shipping name: Not regulated

IMDG

Proper shipping name: Not regulated

15. REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Not Listed.
ENCS Complies
IECSC Complies
KECL Complies
PICCS Complies

Legend:

AICS

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

Complies

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
LIMESTONE	X	X	X
1317-65-3			

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

NFPAHealth hazards 2Flammability 1Instability 1-HMISHealth hazards 2Flammability 1Physical hazards 1Personal protection B

NFPA (National Fire Protection Association)

HMIS (Hazardous Material Information System)

Revision Date

06-May-2015

Disclaimer

The information provided in this Material 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.

End of Safety Data Sheet

SPermatex

SAFETY DATA SHEET

Revision Date 07-May-2015

Version 1

1. IDENTIFICATION

Product identifier

Product Name VERSACHEM STEEL WELD EPOXY (HARDENER)

Other means of identification

Product Code 47709V Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Epoxy curing agent
Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address Distributor

ITW Permatex
10 Columbus Blvd.
Hartford, CT 06106 USA

ITW Permatex Canada
35 Brownridge Road, Unit 1
Halton Hills, ON Canada L7G 0C6
Telephone: (800) 924-6994

Company Phone Number 1-87-Permatex

(877) 376-2839

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924

International Emergency: 00+1+ 813-248-0585

Contract Number: MIS0003453

E-mail address mail@permatex.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

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

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Skin corrosion/irritation_	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1

Label elements

Emergency	Overview
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Danger

Harmful if swallowed Harmful in contact with skin Causes skin irritation Causes serious eye damage May cause an allergic skin reaction



Appearance Off-white

Physical state Paste

Odor Ammonia

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)

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: Wash with plenty of soap and water

Call a POISON CENTER or doctor/physician if you feel unwell

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Toxic to aquatic life with long lasting effects.

Unknown acute toxicity

90% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

substance(s)

Chemical Name	CAS No	Weight-%	Trade Secret
DIMER/TOFA, REACTION PRODUCTS WITH TETA	68082-29-1	30 - 60	*
POLYAMIDE OF TALL-OIL FATTY ACID DIMERS AND TETRAETHYLENEPENTAMINE	68953-36-6	10 - 30	*
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	90-72-2	3-7	*
TRIETHYLENETETRAMINE	112-24-3	1 - 5	*

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

4. FIRST AID MEASURES

Description of first aid measures

General advice

Get medical advice/attention if you feel unwell.

Eye contact 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.

Skin contact IF ON SKIN:. Wash contaminated clothing before reuse. Wash with soap and water. If skin

irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before

reuse.

Inhalation IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If symptoms persist, call a physician.

If SWALLOWED:. Call a physician or poison control center immediately. Rinse mouth.

Self-protection of the first aider Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO2), Dry chemical, Foam

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

None in particular.

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. Avoid contact with eyes and skin.

Use personal protective equipment as required.

Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system. 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 Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel

into suitable containers for disposal.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

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

vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

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

Strong oxidizing agents, Acids, Peroxides, Sodium hypochlorite, Calcium hypochlorite, Incompatible materials

Reactive metals

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Appropriate engineering controls

Engineering Controls Showers

Eyewash stations

Ventilation systems

Individual protection measures, such as personal protective equipment

Wear safety glasses with side shields (or goggles). Eye/face protection

Wear protective gloves and protective clothing. Skin and body protection

Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as Respiratory protection

appropriate.

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

equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Paste Physical state **Appearance** Off-white Odor Ammonia

No information available Odor threshold

Remarks • Method **Property** <u>Values</u>

pН No information available Melting point / freezing point No information available > 171 °C / 340 °F Boiling point / boiling range > 93 °C / > 200 °F Flash point

No information available **Evaporation rate** Flammability (solid, gas) No information available Flammability Limit in Air

Upper flammability limit: No information available No information available Lower flammability limit:

Air = 1

47709V - VERSACHEM STEEL WELD EPOXY (HARDENER)

Vapor pressure <1 mmHg @ 68°F

Vapor density >1

Relative density 1.03

Water solubility Partially soluble

Solubility in other solvents No information available Partition coefficient No information available Autoignition temperature No information available **Decomposition temperature** No information available Kinematic viscosity No information available Dynamic viscosity No information available **Explosive properties** No information available Oxidizing properties No information available

Other Information

Softening point No information available Molecular weight No information available

VOC Content (%)

Density No information available **Bulk density** No information available

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

Excessive heat.

Incompatible materials

Strong oxidizing agents, Acids, Peroxides, Sodium hypochlorite, Calcium hypochlorite, Reactive metals

Hazardous Decomposition Products

Carbon oxides

Nitrogen oxides (NOx)

Ammonia

Amines

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation May cause irritation of respiratory tract.

Eye contact Risk of serious damage to eyes.

Skin contact May cause skin irritation and/or dermatitis. May cause sensitization by skin contact.

Ingestion Harmful if swallowed.

Chemical Name	Oral LD50	Dermai LD50	Inhalation LC50
2,4,6-TRIS(DIMETHYLAMINOMET HYL)PHENOL 90-72-2	= 1000 mg/kg (Rat)	= 1280 mg/kg (Rat)	-

47709V - VERSACHEM STEEL WELD EPOXY (HARDENER)

TRIETHYLENETETRAMINE = 2500 mg/kg (Rat) = 550 mg/kg (Rabbit)				
	TRIETHYLENETETRAMINE	= 2500 mg/kg (Rat)	= 550 mg/kg (Rabbit)	
		= zooo mgmg ()	[
112-24-3	I 112-24-3			. <u> </u>

Information on toxicological effects

Symptoms

No information available.

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

Sensitization
Germ cell mutagenicity

No information available. No information available.

Germ cell mutagenicity Carcinogenicity

No information available.

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 1066 mg/kg ATEmix (dermal) 1207 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

96.3% of the mixture consists of components(s) of unknown hazards to the aquatic environment

	SOLUTION OF THE THIRT OF THE OFFI	COMPONE NO (C)		
	Chemical Name	Algae/aquatic plants	Fish	Crustacea
	TRIETHYLENETETRAMINE	2.5: 72 h Desmodesmus	570: 96 h Poecilia reticulata mg/L	31.1: 48 h Daphnia magna mg/L
	112-24-3	subspicatus mg/L EC50 20: 72 h	LC50 semi-static 495: 96 h	EC50
		Pseudokirchneriella subcapitata	Pimephales promelas mg/L LC50	
1		mg/L EC50 3.7; 96 h		
		Pseudokirchneriella subcapitata		
		mg/L EC50		

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Chemical Name	Partition coefficient	
TRIETHYLENETETRAMINE	-1.4	
112-24-3		

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.

US EPA Waste Number

Not applicable

14. TRANSPORT INFORMATION

DOT

Proper shipping name:

Not regulated

IATA

Proper shipping name:

Not regulated

IMDG

Proper shipping name:

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies **DSL/NDSL** Complies **EINECS/ELINCS** Complies Complies **ENCS IECSC** Complies KECL Complies **PICCS** Complies AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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 Yes
Chronic Health Hazard Yes
Fire hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
TRIETHYLENETETRAMINE 112-24-3	X	X	×
TETRAETHYLENEPENTAMINE 112-57-2	×	×	×

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

NFPA_ HMIS_ Health hazards 3 Health hazards 3 Flammability 1 Flammability 1

Instability 0

Physical hazards 0

Personal protection B

NFPA (National Fire Protection Association)

HMIS (Hazardous Material Information System)

Revision Date

07-May-2015

Disclaimer

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End of Safety Data Sheet