

Section -1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier: E-400 Moldable / Pourable Epoxy Polyamide Compound (Part B)
 - Product Name: E-400 Moldable / Pourable- Low Density Epoxy Polyamide Compound / Part B
 - Product reference: E-400 Moldable / Pourable Compound (Part B) Catalyst

1.2. Product Use:
 - Low Density Epoxy Polyamide Compound

1.3. Manufacturer's Name:
CAGE Code: 14439
 Flamemaster Corp.
 Chem Seal Division
 13576 Desmond Street
 Pacoima, CA 91333 – USA

1.3.1 Suppliers Name (if not manufacturer)

Technical Contact:
 Flamemaster Corp.
 Tel: 818-890-1401
 Fax: 818-890-6001
www.flamemaster.com

1.4. Emergency Telephone:

 Emergency Contact Information :
 See Below

Specification: AS1129 EPOXY POLYAMIDE COMPOUND PART B	
NSN:	8030-01-067-7587 E-400P Moldable Putty Pint Kit

Section -2. HAZARD (S) IDENTIFICATION

Emergency Contact:
CHEMTEL: WWW.CHEMTELINE.COM
 Flamemaster Corporation Contract Number MIS2644301
 Shipments of hazardous materials within United States, Canada, Puerto Rico, and U.S. Virgin Island should reference Chemtel's toll free phone number: 1-800-255-3924 - Reference Number MIS2644301
 Shipments and safety applications outside of United States, Canada, Puerto Rico, and the U.S. Virgin Islands must reference Chemtel phone number +1-813-248-0585 - Reference Number MIS2644301
 Collect Calls will be accepted. To ensure a bilingual operator please call collect.
 Shipments originating in U.S.A. and going overseas must use both numbers.
 Shipments originating overseas and destined for US, Canada, Puerto Rico or the Virgin Islands must also use both numbers.
 Calls originating on board vessels should follow normal ship to shore protocols. Use international access number and alert the ship to shore operator you are involved in an emergency incident.
 Shipments of hazardous materials within the listed countries should reference Chemtel's in-country phone numbers:
 Australia : 1-300-954-583 : Reference Number MIS2644301
 Brazil : 0-800-591-6042 : Reference Number MIS2644301
 China : 400-120-0751 : Reference Number MIS2644301
 India : 000-800-100-4086 : Reference Number MIS2644301
 Mexico : 01-800-099-0731 : Reference Number MIS2644301

Section -2. HAZARD (S) IDENTIFICATION

OSHA/HCS STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
CLASSIFICATION OF THE MIXTURE:

Acute Toxicity (Oral) (Category 4), H302
Aspiration Hazard, (Category 1), H304
Acute Toxicity Dermal (Category 4), H312
Serious Eye Damage / Eye Irritation (Category 1), H314
Skin Corrosion/Irritation - (Category 1B), H314
Skin Sensitisation, (Category 1), H317
Acute Toxicity Inhalation - (Category 4), H332
Respiratory Sensitisation, (Category 1), H334
Specific Target Organ Toxicity-Single Exposure-(Category 3), Respiratory Tract Irritation H335
Specific Target Organ Toxicity-Single exposure-(Category 3), Narcotic Effects H336
Germ Cell Mutagenicity, (Category 2), H341
Carcinogenicity, (Category 2), H351
Reproductive Toxicity, (Category 2), H361
Reproductive Toxicity, Effects On Or Via Lactation - H362
Specific Target Organ Toxicity-Repeated Exposure-(Category 2), H373
Aquatic (Chronic) - (Category 4), H413

Hazards not otherwise classified (HNOC) or not covered by GHS:

If sanding, grinding or abrading material, combustible dust may form in air. Airborne dust damages the lungs by inhalation. Avoid physical exposure by allowing adequate ventilation and using proper personal protection equipment.

GHS Label Elements, Including Precautionary Statements

Pictograms:



Signal Word: DANGER

HAZARD STATEMENTS:

H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways.
H312 Harmful if in contact with skin
H314 Causes Severe Skin Burns and Eye Damage
H317 May cause an allergic skin reaction
H332 Harmful if inhaled
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer
H361 Suspected of damaging fertility or the unborn child
H362 May cause harm to breastfed children
H373 May cause damage to organs through prolonged or repeated exposure
H413 May cause long lasting harmful effects to aquatic life

In the event of sanding, grinding, or abrading:

H372 Causes damage to organs through prolonged or repeated exposure.

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GENERAL PRECAUTIONARY STATEMENTS:

P101: If medical advise is needed, have product container or label at hand.

P102: keep out of reach of children.

P103: Read label before use.

Full text of P statements associated to this compound:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P260: Do not breathe dust / fumes / gas / mist / vapors / spray.
- P261: Avoid breathing dust / fumes / gas / mist / vapors / spray.
- P263: Avoid contact during pregnancy / while nursing.
- P264: Wash thoroughly after handling.
- P270: Do not eat, drink, or smoke when using this product.
- P271: Use only outdoors or in a well - ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P281: Use personal protection equipment as required.
- P285 : In case of inadequate ventilation wear respiratory protection
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER / doctor / ...
- P301+312: IF SWALLOWED: Call a POISON CENTER / doctor / .../ if you feel unwell.
- P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+352: IF ON SKIN: Wash with plenty of water / ...
- P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P304+341 : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do-continue rinsing
- P308+313: If exposed: Call a POISON CENTER or doctor / physician.
- P310: Immediately call a POISON CENTER / doctor/...
- P312: Call a POISON CENTER / doctor /... / if you feel unwell.
- P314: Get medical advise / attention if you feel unwell.
- P321: Specific treatment...See Label Information
- P322: Specific Measures...See Label Information
- P330: Rinse mouth
- P331: Do NOT induce vomiting.
- P333+313: If skin irritation or a rash occurs: Get medical advice / attention.
- P342+311: If experiencing respiratory symptoms: Call a POISON CENTER / doctor / ...
- P363: Wash contaminated clothing before reuse.
- P403+233: Store in a well ventilated place. Keep container tightly closed.
- P405: Store locked up.
- P501: Dispose of contents / containers in accordance with local / regional / national / international regulations

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Section -3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical family : Mixture of organic compounds

For the hazards of the composition, (SDS see Section 2).

GHS CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS):

fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine

Skin Corrosion / Irritation (Category 1B)

Serious Eye Damage / Eye Irritation (Category 1)

Skin Sensitization (Category 1A)

Aquatic Hazard (Acute) - (Category 2)

Aquatic Hazard (Long Term) - (Category 2)

1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)

Skin Corrosion / Irritation (Category 1B)

Serious Eye Damage / Eye Irritation (Category 1)

Skin Sensitization (Category 1A)

Aquatic Hazard (Acute) - (Category 2)

Aquatic Hazard (Long Term) - (Category 2)

SUBSTANCE % by weight in the product	H&P Statements	CAS	EINECS/ELINCS
1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)	H318, H314, H317, H411	90640-67-8	N/A
<20%			
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine <90%	H318, H314, H317, H411	68082-29-1	N/A

Section -4. FIRST-AID MEASURES

General: When in doubt or symptoms persist, seek medical attention. Have Safety Data Sheet information available. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, if breathing has stopped, administer artificial respiration. Give nothing by mouth, seek immediate medical attention.

Eye contact: Check for and remove any contact lenses. Irrigate with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek immediate medical attention.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognized skin cleaners. Do NOT use aromatic solvents, thinners or petroleum products.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. May be fatal if swallowed or vomited and enters lungs and/or airways. Never give anything by mouth to an unconscious person.

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Section -5. FIRE-FIGHTING MEASURES

Extinguishing agents

Recommended: Universal resistant foam, CO₂, water, powder.

Agents to avoid: None known

Attention

Fire will produce dense black smoke. Exposure to decomposition products may cause a Health Hazard. Fire fighters should wear self-contained breathing apparatus.

Water mist may be used to cool closed containers to prevent pressure build-up and possible auto-ignition and explosion when exposed to extreme heat.

Do not weld, flame cut or expose to extreme heat or ignition sources, empty containers which have contained flammable products.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

IN CASE OF COMBUSTION HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:

- Carbon Monoxide
- Traces of Benzene
- Metal Oxides
- Carbon Dioxide
- Nitrogen Oxides
- Silicone Oxides
- Smoke
- Soot
- Silicone Dioxide
- Toxic fumes
- Magnesium Oxide
- Carbon Oxides
- Calcium Oxide

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

Section -6. ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition, ventilate the area. Avoid breathing vapors by using appropriate respiratory protective equipment. Refer to protective measures listed in sections 7 & 8.

Collect spill with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with local regulations (see section 13). Do not allow to enter drains or watercourses.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Clean-up with a detergent/ water mix ; avoid use of aromatic solvents. If the product enters drains or watercourses, inform authority with jurisdiction in accordance with state / local regulations.

Section -7. HANDLING AND STORAGE

7.1 Handling:

No smoking, eating and drinking during handling.

Avoid contact/exposure during pregnancy/while nursing.

Keep containers tightly closed. Prior to movement containers which are opened should be carefully resealed.

Avoid skin and eye contact. Avoid inhalation in case of exposure to vapor and spray mist.

Handle and open containers with care to avoid spilling of contents. Never use pressure to empty; container is not a pressure vessel. Clean or discard contaminated clothing and shoes.

Preparation may charge electrostatically; always use grounding/ bonding/ earthing leads when transferring contents of containers. Operators should wear antistatic footwear and clothing, and floors should be electrically conductive.

Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapor in air, and avoid vapor concentration higher than the Occupational Exposure Limits.

Use in areas from which local sources of ignition have been excluded. Electrical equipment including lighting should be protected to the appropriate standard. Isolate from sources of heat, sparks and open flame. Non-sparking tools are recommended.

7.2 Storage:

Observe label precautions. Store between 32/F and 95/F (0/C and 35/C) in a dry, clean and well ventilated place, away from sources of heat, ignition, and direct sunlight. For flash points below 23 °C store in an area constructed to the appropriate standard

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering measures:

Avoid the inhalation of vapors, spray mist and particulates. Achieve by local exhaust ventilation providing good general extraction as to keep air-borne concentration below the Occupational Exposure Limits (OEL).

If local / area ventilation is not sufficient to comply with OEL, suitable (NIOSH) respiratory protection to be provided. Always provide suitable (NIOSH) respiratory protection when sanding, grinding or otherwise abrading cured material.

8.2 Exposure limits

Work place exposure limits (8 hour)

Substance		
SODA LIME BOROSILICATE GLASS	MANUFACTURER DETERMINED 10 mg/m ³	
SYNTHETIC SILICA	CMRG 3mg/m ³	
	OSHA PEL	ACGIH TLV
AMORPHOUS SILICA	.8 mg/m ³	

8.3 Personal protection

All Personal Protective Equipment, including Respiratory Protection, used to control exposure to hazardous substances must be selected to meet the requirements of OSHA Regulations.

Respiratory protection :

Appropriate respiratory protection equipment should be selected according to the type of contaminants, following regulatory (OSHA / NIOSH) and manufacturers instructions including proper fitting of devices.

Hand protection :

For prolonged or repeated contact, recommend gloves type: polyvinyl alcohol, nitrile rubber, latex rubber (some people may exhibit sensitivity to Latex). Barrier creams may help to protect exposed areas of the skin. However, they should not be applied post exposure.

Eye protection :

Use safety glasses with side shields to protect against splashes. Face shields may also be worn.

Skin protection :

Protective clothing made of antistatic and fire resistant fibers. All parts of the body should be washed after contact. Use good hygiene and industrial practices, keep working clothes clean.

Environmental Exposure Controls: Emissions from workplace ventilation systems or work process equipment should be periodically checked to ensure compliance with local environmental laws.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state at: 68 ° F (20 ° C) Liquid
- Flash point: > 173 ° F Method: TCC
- Specific gravity at: 68 ° F (20 ° C) 1.42 g/cm³
- Vapor Density: N/A
- Lower Explosive Limit (% vol.): N/A
- Upper Explosive Limit (% vol.): N/A
- Miscibility in water at 20 ° C: SLIGHT
- Ph : 11
- % Volatile by Volume: N/A
- Vapor pressure at: 68 ° F (20 ° C) <0.01 mm hg
- Color: White Paste
- Appearance: liquid
- Odor: Amine Odor
- Boiling Point: 200 ° F

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10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see SDS section 7).

IN CASE OF COMBUSTION HAZARDOUS DECOMPOSITION PRODUCTS INCLUDE BUT MAY NOT BE LIMITED TO THE FOLLOWING:

- Carbon Monoxide
- Traces of Benzene
- Metal Oxides
- Carbon Dioxide
- Nitrogen Oxides
- Silicone Oxides
- Smoke
- Soot
- Silicone Dioxide
- Toxic fumes
- Magnesium Oxide
- Carbon Oxides
- Calcium Oxide

In case of inhalation of decomposition products released in a fire, symptoms may be delayed. Exposed persons may need to be kept under medical surveillance for at least 48 hours.

11. TOXICOLOGICAL INFORMATION

There are no data available on the preparation itself. See (SDS Sections 3 and 15) for details.

Exposure to component solvents vapors at concentrations in excess of the stated Occupational Exposure Limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness, and in extreme cases loss of consciousness.

Repeated or prolonged contact with the preparation may cause Defatting of the skin resulting in non-allergic dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause severe irritation and severe damage to the eyes.

ACUTE TOXICITY:

PRODUCT:	TEST	SPECIES	DOSE	RESULT
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	OECD 402 Acute Dermal Toxicity	RAT	>2000mg/kg	LD50 DERMAL
	OECD 405 Acute Oral Toxicity	RAT	1716.2 mg/kg	LD50 ORAL

CHRONIC TOXICITY:

PRODUCT:	TEST	SPECIES	ENDPOINT	RESULT
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	OECD 422 COMBINED REPEATED DOSE TOXIC STUDY WITH THE REPRODUCTION/ DEVELOPMENTAL TOXICITY SCREENING TEST	Rat	Sub-acute NOEL Oral	1000mg/kg/d

IRRITATION/CORROSION:

PRODUCT:	TEST	RESULT	SPECIES
1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)	OECD 405	CORROSIVE	RABBIT

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IRRITATION/CORROSION:

PRODUCT:	TEST	RESULT	SPECIES
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	OECD 439 In Vitro Skin Irritation	Skin Irritant	Human Skin Model
	OECD 405 Acute Eye Irritation/Corrosion	Eyes-Severe Irritant	Rabbit

fatty Acids, C18-unsatd., Dimers,
Oligomeric Reaction Products
with Tall-Oil Fatty Acids and
Triethylenetetramine

Irritating to Skin

Eyes:

fatty Acids, C18-unsatd., Dimers,
Oligomeric Reaction Products
with Tall-Oil Fatty Acids and
Triethylenetetramine

Severely irritating to Eyes

1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)

Severely irritating to Eyes

Sensitizer:

PRODUCT:	ROUTE OF EXPOSURE	SPECIES	RESULT
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	Skin	Mouse	Sensitizing
1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)	SKIN	GUINEA PIG	SENSITIZING

CARCINOGENICITY:

INGREDIENT	IARC	OSHA	NTP	CAS#
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NO DATA AVAILABLE

TARGET ORGANS: BRAIN, BLOOD, KIDNEYS, LUNGS, REPRODUCTIVE SYSTEM, LIVER, HEART, PERIPHERAL NERVOUS SYSTEM, GASTROINTESTINAL TRACT, UPPER RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS AND/OR CORNEA.

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12. ECOLOGICAL INFORMATION

There is no data available on the preparation itself. Do not allow the product to enter drains or water ways. See (SDS Sections 3 and 15)

Environmental Effects: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

Aquatic Ecotoxicity:

Product:	Test	Result	Endpoint	Species	Exposure-Static
1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)	-	330 mg/l	LC50	Fathead Minnow	96 Hours
		31.1 mg/l	EC50	Daphnia Magna	48 Hours
		20 mg/l	ErC50	Green Algae	72 Hours
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	OECD 201 Algae, Growth Inhibition Test	4.34mg/l	EC50	Algae	72 Hours
	OECD 209 Activated Sludge	384mg/l	EC50	Bacteria	3 Hours
	OECD 202 Daphnia Immobilisation Test	7.07mg/l	EC50	Daphnia	48 Hours
	OECD 203 Fish Acute Toxicity Test	7.07mg/l	LC 50	Fish	96 Hours
	OECD 201 Algae, Growth Inhibition	1.78mg/l	EC10	Algae	72 Hours

Bioaccumulative Potential

Product:	LogPow	BCF	Potential
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	10.34	-	High

Persistence and Degradability :

Product	Test	Period	Result
fatty Acids, C18-unsatd., Dimers, Oligomeric Reaction Products with Tall-Oil Fatty Acids and Triethylenetetramine	OECD 301B CO ₂ Evolution Test	74 Days	0 to 70%

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13. DISPOSAL CONSIDERATIONS

Recommended incineration or land fill as hazardous waste per Federal, State and local regulations.

React with curing agent and dispose of as hazardous waste per Federal, State and local regulations. Recommended incineration or land fill. Avoid contact with soil, waterways, drains and sewers. Avoid dispersal of spilled material and runoff. Never allow this material, any solutions, or any by-products, as well as any run-off, to come into contact with soil, waterways, wildlife habitats, drains, sewers, and / or the ocean. Avoid release into environment.

Empty containers and/or liners may contain material residue. Empty contaminated packagings thoroughly. Dispose in accordance with all Federal, State, and local health and environmental regulations.

14. TRANSPORT INFORMATION

DOT: § 172.101 HAZARDOUS MATERIALS TABLE

UN Number: UN2735

Proper Shipping Name : Polyamines, Liquid, Corrosive, N.O.S. (POLYAMIDOAMINE, TRIETHYLENE TETRAMINE)

Class : 8

Packing Group : II

Labels : Corrosive

Packing Instruction (Cargo Aircraft) : 855

Packing Instruction (Passenger Aircraft) : 851

IMDB

UN Number: UN2735

Proper Shipping Name : Polyamines, Liquid, Corrosive, N.O.S. (POLYAMIDOAMINE, TRIETHYLENE TETRAMINE)

Class : 8

Packing Group : II

Labels : 8

EMS Code : F-A, S-B

Marine Pollutant : No

Domestic Regulation

UN Number: UN2735

Proper Shipping Name : Polyamines, Liquid, Corrosive, N.O.S. (POLYAMIDOAMINE, TRIETHYLENE TETRAMINE)

Class : 8

Packing Group : II

Labels : Corrosive

ERG Code : 153

Marine Pollutant : No

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15. REGULATORY INFORMATION

US Regulations Federal

HCS Classification:

SARA 311/312:

fatty Acids, C18-unsatd., Dimers,
Oligomeric Reaction Products : Immediate Acute Health Hazard
with Tall-Oil Fatty Acids and
Triethylenetetramine

CERCLA HAZARDOUS SUBSTANCES

Components	Concentration %	Section 304 CERCLA Hazardous Substance
1-chloro-2,3-epoxypropane	<35%	Listed

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

Based on available data, this product contains no ingredients listed

* Do not detach SARA 313 notifications from SDS. All copies of SDS must include SARA 313 notifications.

All remaining Constituents are non-hazardous per FED-STD-313 All Constituents are listed in TSCA inventory; complete mixture is excluded Per TSCA Par. 710.4 (d) 95 (6) (7) Constituents are not listed in TSCA 12b CORR. LIST

US Regulations State

TRIETHYLENETETRAMINE

CAS# 112-24-3

California Proposition 65 (RTK) - Listed

Massachusetts (RTK) - Listed

New Jersey (RTK) - Listed

Pennsylvania (RTK) - Listed

1,2-ETHANEDIAMINE N1,N2-BIS (2-AMINOETHYL)

CAS# 90640-67-8

New Jersey (RTK) - Listed

Pennsylvania (RTK) - Listed

Massachusetts (RTK) - Listed

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California Proposition 65 warning: This product contains materials known by the state of California to cause cancer, birth defects, and/or other reproductive harm.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.
Listed National Pollutant Release Inventory (NPRI):

16. OTHER INFORMATION

HEALTH	3	HEALTH	3
FLAMMABILITY	1	Chronic	*
REACTIVITY	0	FLAMMABILITY	1
Customer and/or end user is responsible for determining PPE code.		REACTIVITY	0

NFPA

HMIS

Preparer:	Flamemaster / Compliance	Revision Date: 05/13/2020
Containers:	plastic jars, metal cans cartridge kits	
Limited Quantity	See SDS Section 14	
Maximum container size:	50 Gallons / 190 Liters	

Notice to reader:

This SDS is provided without any warranty expressed or implied regarding its correctness or suitability for specific situations. The conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge.

In all cases, the user must determine the applicability of all information and recommendations contained herein as well as the suitability of this product for their own particular needs or purposes.

This product may be hazardous and should always be used with care and discretion. Every effort has been made to describe all known hazards, but this in no way guarantees the above mentioned hazards are the only hazards present.

Flamemaster Corporation and its Agents shall in no way be held liable for any damages resulting from handling, using, storing, disposing of, or from contact with this product. User assumes all risk.

End of Safety Data Sheet