

Revision Number: 007.0 Issue date: 04/16/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE EA 445 known as LOCTITE IDH number: 701943

Fixmaster Fast Cure

 Product type:
 Epoxy Hardener
 Item number:
 21426_150445

 Restriction of Use:
 None identified
 Region:
 United States

 Company address:
 Contact information:

Company address:
Henkel Corporation

One Henkel Way

Rocky Hill, Connecticut 06067

Telephone: +1 (860) 571-5100
MEDICAL EMERGENCY Phone: Poison Control Center

1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887

Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: CAUSES SKIN IRRITATION.

MAY CAUSE AN ALLERGIC SKIN REACTION.

CAUSES SERIOUS EYE DAMAGE. SUSPECTED OF CAUSING CANCER.

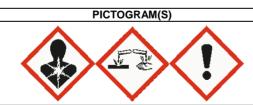
CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED

EXPOSURE.

MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR

REPEATED EXPOSURE.

| HAZARD CLASS | HAZARD CATEGORY |
|--|-----------------|
| SKIN IRRITATION | 2 |
| SERIOUS EYE DAMAGE | 1 |
| SKIN SENSITIZATION | 1 |
| CARCINOGENICITY | 2 |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 2 |



Precautionary Statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been

read and understood. Do not breathe vapors, mist, or spray. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face

protection.

Response: IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Take

off contaminated clothing.

Storage: Store locked up.

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local

governmental regulations.

3 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* | |
|---|-------------|-------------|--|
| Aluminium hydroxide | 21645-51-2 | 40 - 50 | |
| 2,4,6-Tris(dimethylaminomethyl)phenol | 90-72-2 | 5 - 10 | |
| Distillates, petroleum, heavy thermal cracked | 64741-81-7 | 1 - 5 | |
| Residues (petroleum), thermal cracked | 64741-80-6 | 1 - 5 | |
| Styrene | 100-42-5 | 1 - 5 | |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5 | |
| Ethylene glycol | 107-21-1 | 1 - 5 | |
| Bis[(dimethylamino)methyl]phenol | 71074-89-0 | 1 - 5 | |

^{*} Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give

artificial respiration. Get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove

contaminated clothing and footwear. Get medical attention. Wash clothing

before reuse. Thoroughly clean shoes before reuse.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15

minutes. Get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel.

Never give anything by mouth to an unconscious person. Get medical

attention.

Symptoms: See Section 11.

IDH number: 701943

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as

turn-out gear. In case of fire, keep containers cool with water spray.

Unusual fire or explosion hazards: Closed containers may rupture (due to build up of pressure) when exposed to

extreme heat.

Hazardous combustion products:

IDH number: 701943

Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Alcohols. Aldehydes. Ammonia. Ethers. Hydrogen sulfide. Nitric acid. Toxic fumes. Irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to

prevent entry into water system; wear full protective equipment during cleanup. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed

container for disposal.

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist.

Wash thoroughly after handling. Keep container closed. Use only with

adequate ventilation. Refer to Section 8.

Storage: Keep container tightly closed and in a cool, well-ventilated place away from

incompatible materials. Keep away from heat, spark and flame. Store in

original container until ready to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|---|---|--|-----------|-------|
| Aluminium hydroxide | 1 mg/m3 TWA Respirable fraction. 10 mg/m3 TWA (as Al) Total dust. | 15 mg/m3 TWA (as Al) Total dust. 5 mg/m3 TWA (as Al) Respirable fraction. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 50 MPPCF TWA Total dust. | None | None |
| 2,4,6-Tris(dimethylaminomethyl)phenol | None | None | None | None |
| Distillates, petroleum, heavy thermal cracked | None | None | None | None |
| Residues (petroleum), thermal cracked | None | None | None | None |
| Styrene | 20 ppm TWA 40 ppm STEL | 100 ppm TWA 200 ppm Ceiling 600 ppm MAX. CONC 5 minutes in any 3 hours | None | None |
| Silica, amorphous, fumed, crystal-free | 10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction. | 20 MPPCF TWA 0.8 mg/m3 TWA | None | None |
| Ethylene glycol | 25 ppm TWA Vapor fraction 50 ppm STEL Vapor fraction 10 mg/m3 STEL Aerosol, inhalable. | None | None | None |
| Bis[(dimethylamino)methyl]phenol | None | None | None | None |

Engineering controls: Provide adequate local exhaust ventilation to maintain worker exposure below

exposure limits.

Respiratory protection: Use a NIOSH approved air-purifying respirator if the potential to exceed

established exposure limits exists.

Eye/face protection: Safety goggles or safety glasses with side shields. Full face protection should

be used if the potential for splashing or spraying of product exists. Safety

showers and eye wash stations should be available.

Skin protection:Use chemical resistant, impermeable clothing including gloves and either an

apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:PasteColor:BlackOdor:MercaptanOdor threshold:Not available.pH:Not applicableVapor pressure:Negligible

Boiling point/range: > 149 °C (> 300.2 °F)

Melting point/ range:
Specific gravity:

Not available.
1.4

IDH number: 701943

Vapor density: Not available.

Flash point: > 93 °C (> 199.4 °F) Tagliabue closed cup

Flammable/Explosive limits - lower:
Flammable/Explosive limits - upper:
Autoignition temperature:
Flammability:
Flammability:
Evaporation rate:
Solubility in water:
Not available.
Not applicable
Solubility in water:
Slight

Partition coefficient (n-octanol/water): Not available.

VOC content: 0.04 % (value for resin and hardener together)

Viscosity: Not available.

Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

Stable under normal conditions of storage and use.

Hazardous reactions: None under normal processing.

Hazardous decomposition products:

IDH number: 701943

Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Alcohols. Aldehydes. Ammonia. Ethers.

Hydrogen sulfide. Nitric acid. Toxic fumes. Irritating vapors.

Incompatible materials: Acids. Bases. Oxidizing agents. Sodium hypochlorite. Peroxides. Copper. Copper alloys.

Halogens. Metal salts.

Reactivity: Not available.

Conditions to avoid: Excessive heat. Store away from incompatible materials. Heat, flames, sparks and other

sources of ignition.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. Vapors may cause headaches, nausea, dizziness and

respiratory tract irritation. May cause irritation to nose and throat.

Skin contact: Causes skin irritation. May cause allergic skin reaction.

Eye contact: Causes serious eye damage.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|---|---|
| Aluminium hydroxide | Oral LD50 (Rat) = > 5,000 mg/kg | Irritant, Lung, Respiratory |
| 2,4,6-Tris(dimethylaminomethyl)phenol | None | Irritant, Allergen |
| Distillates, petroleum, heavy thermal cracked | None | No Target Organs |
| Residues (petroleum), thermal cracked | None | No Data |
| Styrene | Oral LD50 (Mouse) = 316 mg/kg Oral LD50 (Rat) = 1 g/kg Oral LD50 (Rat) = 5,000 mg/kg Inhalation LC50 (Rat, 4 h) = 24 mg/l | Blood, Ear, Eyes, Irritant, Liver, Mutagen, Nervous System, Some evidence of carcinogenicity |
| Silica, amorphous, fumed, crystal-free | None | Nuisance dust |
| Ethylene glycol | Oral LD50 (Rat) = 5.89 g/kg Oral LD50 (Mouse) = 14.6 g/kg Dermal LD50 (Rabbit) = 9,530 mg/kg | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |
| Bis[(dimethylamino)methyl]phenol | None | No Records |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|--|-----------------|--|
| Aluminium hydroxide | No | No | No |
| 2,4,6-Tris(dimethylaminomethyl)phenol | No | No | No |
| Distillates, petroleum, heavy thermal cracked | No | Group 2B | No |
| Residues (petroleum), thermal cracked | No | No | No |
| Styrene | Reasonably Anticipated to be a Human Carcinogen. | Group 2B | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Ethylene glycol | No | No | No |
| Bis[(dimethylamino)methyl]phenol | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number:Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

IDH number: 701943

Proper shipping name: Not regulated

Hazard class or division:
Identification number:
Packing group:
None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated

Hazard class or division:
Identification number:
Packing group:
None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated Hazard class or division: None Identification number: None Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act

Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.

CERCLA/SARA Section 311/312: Immediate Health, Delayed Health

CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of

section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40

CFR 372). Styrene (CAS# 100-42-5). Ethylene glycol (CAS# 107-21-1).

CERCLA Reportable quantity: Styrene (CAS# 100-42-5) 1,000 lbs. (454 kg)

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This

product contains a chemical known to the State of California to cause birth defects or other

reproductive harm.

Canada Regulatory Information

IDH number: 701943

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic

Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2,3

Prepared by: Product Safety and Regulatory Affairs

Issue date: 04/16/2018

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Revision Number: 007.1 Issue date: 04/13/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE EA 445 known as LOCTITE IDH number: 701942

Fixmaster Fast Cure

Product type:Epoxy resinItem number:21426_150345Restriction of Use:None identifiedRegion:United States

Company address: Henkel Corporation

One Henkel Way

Rocky Hill, Connecticut 06067

Contact information: Telephone: +1 (860) 571-5100

MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711

TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887

Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: CAUSES SKIN IRRITATION.

MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |

PICTOGRAM(S)



Precautionary Statements

IDH number: 701942

Prevention: Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace. Wear protective

gloves, eye protection, and face protection.

Response: IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off

contaminated clothing.

Storage: Not prescribed

Disposal: Dispose of contents and/or container according to Federal, State/Provincial and local

governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|--|------------|-------------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | 25068-38-6 | 40 - 50 |
| Aluminium hydroxide | 21645-51-2 | 40 - 50 |
| Titanium dioxide | 13463-67-7 | 5 - 10 |
| Bisphenol A, polymer with formaldehyde and epichlorohydrin | 28906-96-9 | 1 - 5 |
| Ethylene glycol | 107-21-1 | 0.1 - 1 |
| Distillates, petroleum, heavy thermal cracked | 64741-81-7 | 0.1 - 1 |

^{*} Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give

artificial respiration. Get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove

contaminated clothing and footwear. Get medical attention. Wash clothing

before reuse. Thoroughly clean shoes before reuse.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15

minutes. Get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel.

Never give anything by mouth to an unconscious person. Get medical

attention.

Symptoms: See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as

turn-out gear. In case of fire, keep containers cool with water spray.

Unusual fire or explosion hazards: Closed containers may rupture (due to build up of pressure) when exposed to

extreme heat.

Hazardous combustion products: Oxides of carbon. Acids. Aldehydes. Irritating vapors.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to

prevent entry into water system; wear full protective equipment during cleanup. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed

container for disposal.

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist.

Wash thoroughly after handling. Use only with adequate ventilation. Keep

container closed. Refer to Section 8.

Storage: Keep container tightly closed and in a cool, well-ventilated place away from

incompatible materials. Keep away from heat, spark and flame. Store in

original container until ready to use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|--|---|--|-----------|-------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | None | None | None |
| Aluminium hydroxide | 1 mg/m3 TWA Respirable fraction. 10 mg/m3 TWA (as Al) Total dust. | 15 mg/m3 TWA (as AI) Total dust. 5 mg/m3 TWA (as AI) Respirable fraction. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 50 MPPCF TWA Total dust. | None | None |
| Titanium dioxide | 10 mg/m3 TWA | 15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. | None | None |
| Bisphenol A, polymer with formaldehyde and epichlorohydrin | None | None | None | None |
| Ethylene glycol | 25 ppm TWA Vapor fraction 50 ppm STEL Vapor fraction 10 mg/m3 STEL Aerosol, inhalable. | None | None | None |
| Distillates, petroleum, heavy thermal cracked | None | None | None | None |

Engineering controls: Provide adequate local exhaust ventilation to maintain worker exposure below

exposure limits.

Respiratory protection: Use a NIOSH approved air-purifying respirator if the potential to exceed

established exposure limits exists.

Eye/face protection: Safety goggles or safety glasses with side shields. Full face protection should

be used if the potential for splashing or spraying of product exists. Safety

showers and eye wash stations should be available.

Skin protection:Use chemical resistant, impermeable clothing including gloves and either an

apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Paste
Color: White
Odor: Mild

Odor threshold:
pH:
Not available.
Not applicable
Vapor pressure:
Negligible

Boiling point/range: > 149 °C (> 300.2 °F)
Melting point/ range: Not available.

Specific gravity: 1.68
Vapor density: Not available.

Flash point: > 93 °C (> 199.4 °F) Tagliabue closed cup

Flammable/Explosive limits - lower:

Flammable/Explosive limits - upper:

Autoignition temperature:

Flammability:

Flammability:

Not available.

Not applicable

Not available.

Solubility in water:

Solubility in coefficient (n-octanol/water):

Not available.

Partition coefficient (n-octanol/water): Not available. VOC content: 0.47 %; 7.9 g/l

0.04 % (value for resin and hardener together)

Viscosity:Not available.Decomposition temperature:Not available.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Reaction with some curing agents may produce an exothermic reaction which in large masses

could cause runaway polymerization.

Hazardous decomposition

products:

IDH number: 701942

Oxides of carbon. Acids. Aldehydes. Irritating vapors.

Incompatible materials: Strong bases. Strong oxidizing agents. Strong acids.

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials. Note: Heating the epoxy

resin in this product above 148.9 °C (300 °F) in the presence of air may cause slow oxidative decomposition. Above 260 °C (500 °F) polymerization of the epoxy resin may occur. Aliphatic polyamines can produce exothermic reactions with epoxy resins which in large masses can cause runaway polymerization and charring of the reactants. Fumes and vapors from these thermal and chemical decompositions vary widely in composition and toxicity. Do

not breathe fumes.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.

Skin contact: Causes skin irritation. May cause allergic skin reaction.

Eye contact: Causes serious eye irritation.

Ingestion: May cause gastrointestinal tract irritation if swallowed.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|--|---|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | Allergen, Irritant |
| Aluminium hydroxide | Oral LD50 (Rat) = > 5,000 mg/kg | Irritant, Lung, Respiratory |
| Titanium dioxide | None | Irritant, Respiratory, Some evidence of carcinogenicity |
| Bisphenol A, polymer with formaldehyde and epichlorohydrin | None | Irritant, Allergen |
| Ethylene glycol | Oral LD50 (Rat) = 5.89 g/kg Oral LD50 (Mouse) = 14.6 g/kg Dermal LD50 (Rabbit) = 9,530 mg/kg | Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic |
| Distillates, petroleum, heavy thermal cracked | None | No Target Organs |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No | No | No |
| Aluminium hydroxide | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Bisphenol A, polymer with formaldehyde and epichlorohydrin | No | No | No |
| Ethylene glycol | No | No | No |
| Distillates, petroleum, heavy thermal cracked | No | Group 2B | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number:Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

IDH number: 701942

Proper shipping name: Not regulated

Hazard class or division: None Identification number: None Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin)

Hazard class or division: 9

Identification number: UN 3082 Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin)

Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Marine pollutant: Epoxy resin

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act

Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS:
CERCLA/SARA Section 311/312:
CERCLA/SARA Section 313:

None above reporting de minimis.
None above reporting de minimis.

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This

product contains a chemical known to the State of California to cause birth defects or other

reproductive harm.

Canada Regulatory Information

IDH number: 701942

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic

Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2,3

Prepared by: Product Safety and Regulatory Affairs

Issue date: 04/13/2018

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