



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LinerGard 100C, Part A
Product Use Description : Epoxy Liner
Manufacturer : Pilgrim Permocoat, Inc.
402 south 22nd Street
Tampa, FL 33605

Telephone : (813) 248-3328
Emergency telephone number (24h) :

2. HAZARDS IDENTIFICATION

GHS Classification

| | | |
|--------------------------|---|----------------|
| Skin irritation | - | Category 2 |
| Eye irritation | - | Category 2A |
| Serious Eye Damage | - | Sub-Category 1 |
| Skin Sensitization | - | Category 1B |
| Acute aquatic toxicity | - | Category 2 |
| Chronic aquatic toxicity | - | Category 2 |

GHS label elements

Hazard pictograms/symbols



Signal Word: Warning

Hazard Statements:

- Causes Skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation
- Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Prevention:

Avoid breathing dust/ fumes/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves and eye protection/face protection.

Response:

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

Disposal:

P501: Disposal of contents/container to be specified in accordance with regulations.

Disposal:

P501: Disposal of contents/container to be specified in accordance with regulations.

Hazards not otherwise classified

May cause sensitization by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | Concentration (Weight) |
|---|-------------|------------------------|
| Propane, 2,2-bis[p-(2.3-epoxypropoxy)phenyl]-, polymers | 25085-99-8 | 70% - 85% |
| C12 & C14 ALKYL GLYCIDYL ETHERS | 686909-97-2 | 5% - 15% |
| WOLASTINITE | 13983-17-0 | 2% - 7% |
| TIO2 | 13463-67-7 | 4% - 7% |
| | Proprietary | 0% - 5% |

CHEMICAL FAMILY: Liquid Epoxy Resin

4. FIRST AID MEASURES

- General advice** : Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Eye contact** : Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.
- Skin contact** : Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. Take off contaminated clothing and

shoes immediately. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

Ingestion : Do not induce vomiting without medical advice. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side.

Inhalation : If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. Move to fresh air.

Most important symptoms/effects - acute and delayed : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease. Skin disorders and Allergies. Asthma. Neurological disorders

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water fog of fine spray.
Carbon dioxide (CO2).
Dry chemical.
Dry sand.

Specific hazards : Smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Phenolics. Carbon monoxide. Carbon dioxide.

Special protective equipment for fire-fighters : Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary.

Further information : Do not allow run-off from fire fighting to enter drains or water courses. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures : Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas.

Environmental precautions : Construct a dike to prevent spreading.

Methods for cleaning up : Contact Pilgrim Permocoat for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container.

Additional advice : Open enclosed spaces to outside atmosphere. If possible, stop flow of product.

7. HANDLING AND STORAGE

Handling

Use only in well-ventilated areas. Avoid breathing vapors and/or aerosols. Avoid contact with skin and eyes. Avoid contact with eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

- Provide readily accessible eye wash stations and safety showers.
- Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

- Respiratory protection : Wear appropriate respirator when ventilation is inadequate.
- Hand protection : Butyl-rubber Nitrile rubber. Neoprene gloves.
Impervious gloves. PVC disposable gloves
Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection : Full face shield with goggles underneath. Chemical resistant goggles must be worn.
- Skin and body protection : Impervious clothing.
Full rubber suit (rain gear). Rubber or plastic boots.
Slicker Suit.
- Special instructions for protection and hygiene : Discard contaminated leather articles. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers.

Exposure Limit(s)

| | | | |
|------------------|--|--|--|
| None Established | | | |
|------------------|--|--|--|

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance | : Viscous. Liquid |
| Odor | : Odorless to mild |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point/range | : No data available |
| Boiling point/range | : 608 °F (320 °C) |
| Flash point | : 264 – 268°C (507 – 514°F) at 102.89 hPa |
| Evaporation rate | : No data available |
| Flammability (solid,gas) | : Not applicable |
| Upper/lower explosion/flammability limit | : Not applicable |
| Vapor pressure | : <0.0000001 Pa EC Method A4 |
| Water solubility | : 5.4 – 8.4 mg/l at 20° C (68° F) EU Method A.6 |
| Relative vapor density | : No data available |
| Relative density | : 1.16 at 20°C / 20°C Literature |
| Partition coefficient (n-octanol/water) | : Log Pow: 3.242 Estimated |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available. |
| Viscosity | : 11,000 – 14,000mPa.sat77°F(25°C). |
| Molecular Weight | : No data available. |
| Density | : 58.058 lb/ft3 (0.93 g/cm3) at 70 °F (21 °C) |

10. STABILITY AND REACTIVITY

| | |
|----------------------------------|---|
| Chemical Stability | : Stable under normal conditions. |
| Conditions to avoid | : Short term exposures to temperatures above 300°C. Potentially violent decomposition can occur above 350°C. Generation of gas during decomposition can cause pressure in closed systems. |
| Materials to avoid | : Avoid contact with oxidizing materials. Acids and amines |
| Hazardous decomposition products | : Gases are released during decomposition. Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide, and water. |

Possibility of hazardous : No data available.

Reactions/Reactivity

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure

- Effects on Eye : Causes eye irritation.
- Effects on Skin : Causes skin irritation.
- Inhalation Effects : Harmful if inhaled and may cause delayed lung injury. May cause nose, throat, and lung irritation. Inhalation of vapors and/or aerosols in high concentration may cause irritation of respiratory system.
- Ingestion Effects : No data available.
- Symptoms : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat. Eye disease., Skin disorders and Allergies., Asthma.

Acute toxicity

- Acute Oral Toxicity : LD50 : >4,300 mg/kg Species : Rat.
- Inhalation : LC50 (4h) : Species : Rat
- Acute Dermal Toxicity : LD50 : > 2,000 mg/kg Species : Rabbit.
Method : Estimated.
- Skin corrosion/irritation : Moderate skin irritation.
- Serious eye damage/eye irritation : Moderate eye irritation.
- Sensitization. : Sensitization has occurred in laboratory animals after repeated exposures.

Chronic toxicity or effects from long term exposure

- Carcinogenicity : Mixed xylenes contain ethylbenzene as an impurity. Ethylbenzene has been shown to cause cancer in laboratory animals. In a study done by the NTP (National Toxicology Program), mixed xylene containing up to 17% ethylbenzene was determined not to be carcinogenic.
- Reproductive toxicity : No data is available on the product itself.
- Germ cell mutagenicity : This product or a component was mutagenic in a bacterial assay. This

product or a component did not cause chromosome damage in an in vivo micronucleus assay.

Specific target organ systemic toxicity (single exposure) : No data available.

Specific target organ systemic toxicity (repeated exposure) : No data available.

Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. May cause allergic skin reaction. Eye disease., Skin disorders and Allergies., Asthma.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

| | | |
|-------------------------------|------------------------|---|
| Toxicity to fish - Components | | Species : Rainbow trout (Oncorhynchus mykiss) |
| Xylene | LC50 (96 h) : 3.3 mg/l | |
| Xylene | LC50 (96 h) : 8.2 mg/l | Species : Rainbow trout (Oncorhynchus mykiss) |
| Xylene | IC50 (72 h) : 8.6 mg/l | Species : Bluegill sunfish (Lepomis macrochirus). |

Toxicity to other organisms : No data available

Persistence and degradability

Biodegradability : No data is available on the product itself.

Mobility : No data available

Bioaccumulation : No data is available on the product itself.

Bioaccumulation - Components Xylene Moderate bioaccumulation potential.

13. DISPOSAL CONSIDERATIONS

- Waste from residues / unused products : Contact supplier if guidance is required.
- Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements

14. TRANSPORT INFORMATION

DOT

Not Regulated for transport. :

IATA

- UN/ID No. : UN3082
- Proper shipping name : Environmentally hazardous substance, liquid, N.O.S., (Epoxy Resin)
- Class or Division : 9
- Packing group : III
- Label(s) : Environment
- Marine Pollutant : Yes

IMDG

- UN/ID No. : UN3082
- Proper shipping name : Environmentally hazardous substance, liquid, N.O.S., (Epoxy Resin)
- Class or Division : 9
- Packing group : III
- Label(s) : Environment
- Marine Pollutant : Yes

Further Information

The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact Pilgrim Permocoat, Inc.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s): None

| Country | Regulatory list | Notification |
|---------|-----------------|------------------------|
| USA | TSCA | Included on Inventory. |

| | | |
|-------------|--------|--|
| EU | EINECS | Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer. |
| Canada | DSL | Included on Inventory. |
| Australia | AICS | Included on Inventory. |
| Japan | ENCS | Included on Inventory. |
| South Korea | ECL | Included on Inventory. |
| China | SEPA | Included on Inventory. |
| Philippines | PICCS | Included on Inventory. |

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

HMIS Rating

Health : 1
Flammability : 1
Physical hazard : 2

Prepared by : Pilgrim Permocoat, Inc.

Telephone : (813) 248-3328

Preparation Date : 05/19/2022

Safety Data Sheet

Version 1.1
Revision Date 5/20/2022



1. PRODUCT AND COMPANY IDENTIFICATION

Product name : LinerGard 100C, B Component
Product Use Description : Curing Agent
Manufacturer : Pilgrim Permocoat, Inc.
402 South 22nd Street
Tampa, FL 33605

Telephone : (813) 248-3328
Emergency telephone number (24h) :

2. HAZARDS IDENTIFICATION

GHS Classification

Skin corrosion - Category 1B
Serious Eye Damage - Category 1
Skin Sensitization - Category 1

GHS label elements

Hazard pictograms/symbols



Signal Word: Danger

Hazard Statements:

H302+H332: Harmful if swallowed or if inhaled.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H361: Suspected of damaging fertility or the unborn child.
H373a: May cause damage to organs through prolonged or repeated exposure or swallowed.
H410: Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

- Prevention:** 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.
P264: Wash hands thoroughly 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/protective clothing/eye protection/face protection.
P281: Use personal protective equipment as required.
P284: Wear respiratory protection.
- Response:** P301+P330+P331 :IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 :IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 :Immediately call a POISON CENTRE or doctor/physician.
P333+P313 :If skin irritation or rash occurs: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.
- Storage:** P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
- Disposal:** P501: Disposal of contents/container to be specified in accordance with regulations.

Hazards not otherwise classified

- Corrosive
- Components of the product may affect the nervous system. Severe eye irritant.
- Very toxic by inhalation.
- May cause sensitization by skin contact.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Components | CAS Number | Concentration (Weight) |
|---|-------------|------------------------|
| 4-nonylphenol, branched | 84852-15-3 | 70% - 80 % |
| Methyleneoxide,polymer with benzenamine | 135108-88-2 | 15% - 25 % |
| WOLASTINITE | 13983-17-0 | 2% - 5 % |

CHEMICAL FAMILY: Amidoamine

4. FIRST AID MEASURES

- General advice** : Seek medical advice. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

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| | |
|---|--|
| Eye contact | : Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. |
| Skin contact | : Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation. |
| Ingestion | : Do not induce vomiting without medical advice. If a person vomits when lying on his back, place him in the recovery position. Never give anything by mouth to an unconscious person. Prevent aspiration of vomit. Turn victim's head to the side. |
| Inhalation | : If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately. Move to fresh air. |
| Most important symptoms/effects - acute and delayed | Asthma. Eye disease. Kidney disorders. Liver disorders. Skin disorders and allergies. |

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Suitable extinguishing media | : Alcohol-resistant foam. Carbon dioxide (CO ₂). Dry chemical. Dry sand. Limestone powder. |
| Specific hazards | : Incomplete combustion may form carbon monoxide. May generate ammonia gas. May generate toxic nitrogen oxide gases. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated. |
| Special protective equipment for fire-fighters | : Avoid contact with the skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire fighting if necessary. |
| Further information | : Do not allow run-off from fire fighting to enter drains or water courses., Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |

6. ACCIDENTAL RELEASE MEASURES

Safety Data Sheet

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| | | |
|--|---|---|
| Personal Precautions, Protective Equipment, and Emergency Procedures | : | Wear suitable protective clothing, gloves and eye/face protection. Use self-contained breathing apparatus and chemically protective clothing. Evacuate personnel to safe areas. |
| Environmental precautions | : | Construct a dike to prevent spreading. |
| Methods for cleaning up | : | Contact Epoxytec, Inc. for advice. Approach suspected leak areas with caution. Place in appropriate chemical waste container. |
| Additional advice | : | Open enclosed spaces to outside atmosphere. If possible, stop flow of product. |

7. HANDLING AND STORAGE

Handling

Use only in well-ventilated areas. Avoid breathing vapors and/or aerosols. Avoid contact with skin and eyes. Avoid contact with eyes. Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use personal protective equipment. When using, do not eat, drink or smoke.

Storage

Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Provide readily accessible eye wash stations and safety showers.

Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal protective equipment

| | | |
|---|---|--|
| Respiratory protection | : | Wear appropriate respirator when ventilation is inadequate. |
| Hand protection | : | Butyl-rubber Nitrile rubber. Neoprene gloves. Impervious gloves. PVC disposable gloves Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. |
| Eye protection | : | Full face shield with goggles underneath. Chemical resistant goggles must be worn. |
| Skin and body protection | : | Impervious clothing. Full rubber suit (rain gear). Rubber or plastic boots. Slicker Suit. |
| Special instructions for protection and hygiene | : | Discard contaminated leather articles. Wash hands at the end of each workshift and before eating, smoking or using the toilet. Provide readily accessible eye wash stations and safety showers. |

Exposure Limit(s)

| | | | |
|----------------|-----------------------------------|--------|-------------|
| Benzyl alcohol | Time Weighted Average (TWA): WEEL | 10 ppm | 44.20 mg/m3 |
|----------------|-----------------------------------|--------|-------------|

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance | : Liquid. Light Yellow. |
| Odor | : Ammonical. |
| Odor threshold | : No data available |
| pH | : Alkaline |
| Melting point/range | : No data available |
| Boiling point/range | : 374 °F (190 °C) |
| Flash point | : 259°F (126.11°C) |
| Evaporation rate | : No data available |
| Flammability (solid,gas) | : Not applicable |
| Upper/lower explosion/flammability limit | : Not applicable |
| Vapor pressure | : <5.17 mmHg at 70 °F (21 °C) |
| Water solubility | : <Slightly soluble |
| Relative vapor density | : Not applicable |
| Relative density | : 0.98 (water = 1) |
| Partition coefficient (n-octanol/water) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available. |
| Viscosity | : No data available. |
| Molecular Weight | : No data available. |
| Density | : 61.179 lb/ft3 (0.98 g/cm3) at 70 °F (21 °C) |

10. STABILITY AND REACTIVITY

| | |
|---------------------|--|
| Chemical Stability | : Stable under normal conditions. |
| Conditions to avoid | : No data available. |
| Materials to avoid | : Reactive metals (e.g. sodium, calcium, zinc etc.). Materials reactive with hydroxyl compounds. Organic acids (i.e. acetic acid, citric acid etc.). Mineral acids. Sodium hypochlorite. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Oxidizing agents. |

Hazardous decomposition products : Nitric acid. Ammonia
Nitrogen oxides (NOx).
Nitrogen oxide can react with water vapors to form corrosive
nitric acid. Carbon monoxide.
Carbon dioxide (CO2). Aldehydes
Flammable hydrocarbon fragments

Possibility of hazardous Reactions/Reactivity : No data available.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure

Effects on Eye : Causes eye burns. May cause blindness.

Effects on Skin : Causes skin burns.

Inhalation Effects : This product contains a component that is toxic by inhalation when aerosolized or sprayed. Please refer to Section 11 of the SDS for toxicity information. Can cause severe eye, skin and respiratory tract burns. Highly toxic by inhalation.

Ingestion Effects : If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the esophagus and the stomach.

Symptoms : No data available.

Acute toxicity

Acute Oral Toxicity : LD50 : 23,990 mg/kg Species : Rat.

Inhalation : No data is available on the product itself.

Inhalation - Components LC50 (4 h) : > 0.007 mg/l Species : Rat.

Acute Dermal Toxicity : LD50 : > 2,000 mg/kg Species : Rabbit.
Method : Estimated.

Skin corrosion/irritation : Corrosive to the skin of a rabbit.

Serious eye damage/eye irritation : Severe eye irritation.

Sensitization. : May cause sensitization by skin contact.

Chronic toxicity or effects from long term exposure

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Carcinogenicity : No data available
Reproductive toxicity : No data is available on the product itself.
Germ cell mutagenicity : No data is available on the product itself.
Specific target organ systemic toxicity (single exposure) : No data available.
Specific target organ systemic toxicity (repeated exposure) : No data available.
Aspiration hazard : No data available.

Delayed and Immediate Effects and Chronic Effects from Short and Long Term Exposure

This product contains no listed carcinogens according to IARC, ACGIH, NTP and/or OSHA in concentrations of 0.1 percent or greater. May cause allergic skin reaction .Eye disease., Skin disorders and Allergies., Asthma.

Rats exposed orally to 800 mg/kg benzyl alcohol for thirteen weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No Observed Adverse Effect Level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity : No data is available on the product itself.

Toxicity to fish - Components

Toxicity to algae - Components

Toxicity to other organisms : No data available

Persistence and degradability

Biodegradability : No data is available on the product itself.

Mobility : No data available

Bioaccumulation : No data is available on the product itself.

Bioaccumulation - Components
Benzyl alcohol Low bioaccumulation potential

13. DISPOSAL CONSIDERATIONS

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Waste from residues / unused products : Contact supplier if guidance is required.
Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements

14. TRANSPORT INFORMATION

DOT

UN/ID No. : UN2735
Proper shipping name : Amines, liquid, corrosive, n.o.s., (Polyamines, Polyamidoamine)
Class or Division : 8
Packing group : III
Label(s) : 8
Marine Pollutant : No

IATA

UN/ID No. : UN2735
Proper shipping name : Amines, liquid, corrosive, n.o.s., (Polyamines, Polyamidoamine)
Class or Division : 8
Packing group : III
Label(s) : 8
Marine Pollutant : Yes

IMDG

UN/ID No. : UN2735
Proper shipping name : Amines, liquid, corrosive, n.o.s., (Polyamines, Polyamidoamine)
Class or Division : 8
Packing group : III
Label(s) : 8
Marine Pollutant : Yes

TDG

UN/ID No. : UN2735
Proper shipping name : Amines, liquid, corrosive, n.o.s., (Polyamines, Polyamidoamine)
Class or Division : 8
Packing group : III
Label(s) : 8
Marine Pollutant : No

Further Information

The transportation information is not intended to convey all specific regulatory data relating to this material. For complete transportation information, contact Macdonald Chemical LLC.

15. REGULATORY INFORMATION

Toxic Substance Control Act (TSCA) 12(b) Component(s): None

| Country | Regulatory list | Notification |
|-------------|-----------------|--|
| USA | TSCA | Included on Inventory. |
| EU | EINECS | Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer. |
| Canada | DSL | Included on Inventory. |
| Australia | AICS | Included on Inventory. |
| Japan | ENCS | Included on Inventory. |
| South Korea | ECL | Included on Inventory. |
| China | SEPA | Included on Inventory. |
| Philippines | PICCS | Included on Inventory. |

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification Acute Health Hazard

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level None.

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

16. OTHER INFORMATION

HMIS Rating

Health : 3
Flammability : 1
Physical hazard : 0

Prepared by : Pilgrim Permocoat, Inc.

Telephone : (813) 248-3328

Preparation Date : 05/20/2022