



SPARTACOTE® Surface Build Part B

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Issue: 10/29/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: SPARTACOTE® Surface Build Part B

1.2. Intended Use of the Product

Resinous flooring

1.3. Name, Address, and Telephone of the Responsible Party

Company

LATICRETE International

1 Laticrete Park, N

Bethany, CT 06524

T (203)-393-0010

www.laticrete.com

Company

LATICRETE Canada ULC

PO Box 129, Emeryville, Ontario, Canada

NOR-1A0

(833)-254-9255

1.4. Emergency Telephone Number

Emergency Number : For Chemical Emergency call ChemTel Inc. day or night:

(800)255-3924 (North America)

(800)-099-0731 (Mexico)

+1 (813)248-0585 (International - collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US/CA Classification

Flam. Liq. 4 H227

Acute Tox. 4 (Oral) H302

Acute Tox. 4 H332

(Inhalation:dust,mist)

Skin Corr. 1B H314

Eye Dam. 1 H318

Skin Sens. 1 H317

Repr. 2 H361

STOT RE 2 H373

Aquatic Acute 2 H401

Aquatic Chronic 3 H412

Full text of hazard classes and H-statements : see section 16

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA)



Signal Word (GHS-US/CA)

: Danger

Hazard Statements (GHS-US/CA)

: H227 - Combustible liquid.

H302+H332 - Harmful if swallowed or if inhaled.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H361 - Suspected of damaging fertility or the unborn child.

H373 - May cause damage to organs (Liver, Muscles, Kidney) through prolonged or repeated exposure.

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- H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.
- Precautionary Statements (GHS-US/CA) :** P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash hands, forearms, and other exposed areas 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, and eye protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P310 - Immediately call a POISON CENTER or doctor.
P314 - Get medical advice/attention if you feel unwell.
P321 - Specific treatment (see section 4 on this SDS).
P330 - Rinse mouth.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use appropriate media (see section 5) to extinguish.
P403 - Store in a well-ventilated place.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US/CA)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product Identifier | % * | GHS Ingredient Classification |
|--|---------------------|---------|--|
| Benzyl alcohol | (CAS-No.) 100-51-6 | 11 - 35 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2A, H319 Aquatic Acute 2, H401 |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- | (CAS-No.) 2855-13-2 | 8 - 20 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402 |

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| | | | |
|---|-----------------------|-----------|---|
| | | | Aquatic Chronic 3, H412 |
| 4-tert-Butylphenol | (CAS-No.) 98-54-4 | 5 – 15 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361 Aquatic Acute 2, H401 Aquatic Chronic 2, H411 Comb. Dust |
| Cyclohexanamine, 4,4'-methylenebis- | (CAS-No.) 1761-71-3 | 4 - 11 | Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT RE 2, H373 |
| Formaldehyde, polymer with benzenamine, hydrogenated | (CAS-No.) 135108-88-2 | 3 - 10 | Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Skin Sens. 1, H317 STOT RE 2, H373 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer | (CAS-No.) 68609-08-5 | 3 - 5 | Aquatic Acute 2, H401 |
| 1-Piperazineethanamine | (CAS-No.) 140-31-8 | 2 - 3 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| Salicylic acid | (CAS-No.) 69-72-7 | 1 - 3 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 3, H402 Aquatic Chronic 3, H412 |
| 2,4,6-Tri(dimethylaminomethyl)phenol | (CAS-No.) 90-72-2 | 0.3 - 1.3 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1C, H314 Eye Dam. 1, H318 Skin Sens. 1B, H317 Aquatic Acute 3, H402 |

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention. Immediately call a poison center or doctor/physician.

Skin Contact: Immediately remove contaminated clothing. Immediately flush skin with plenty of water for at least 30 minutes. Get immediate medical advice/attention.

Eye Contact: Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

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Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Suspected of damaging fertility or the unborn child. Skin sensitization. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. May cause damage to organs (Liver, Muscles, Kidney) through prolonged or repeated exposure.

Inhalation: Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness. May be corrosive to the respiratory tract.

Skin Contact: May cause an allergic skin reaction. Causes severe irritation which will progress to chemical burns.

Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Suspected of damaging fertility or the unborn child. May cause damage to organs (Liver, Muscles, Kidney) through prolonged or repeated exposure.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

Unsuitable Extinguishing Media: Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Combustible liquid.

Explosion Hazard: May form flammable or explosive vapor-air mixture.

Reactivity: Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Nitric acid. Nitrogen oxides. Nitrous fumes. Carbon oxides (CO, CO₂). Aldehydes.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area. Eliminate ignition sources.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.

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Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools. Cautiously neutralize spilled liquid.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable. May release corrosive vapors.

Precautions for Safe Handling: Do not breathe mist, vapors, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do NOT breathe (dust, vapor, mist, gas). Take precautionary measures against static discharge. Use only non-sparking tools. Handle empty containers with care because they may still present a hazard. Use only outdoors or in a well-ventilated area.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations. Take action to prevent static discharges. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment.

Storage Conditions: Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place. Store in original container or corrosive resistant and/or lined container.

Incompatible Materials: Acids. Oxidizers, powerful reducers.

7.3. Specific End Use(s)

Resinous flooring

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

| Benzyl alcohol (100-51-6) | | |
|---------------------------|----------------|--------|
| USA AIHA | WEEL TWA [ppm] | 10 ppm |

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof equipment. Gas detectors should be used when toxic gases may be released. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection. Face shield.



Materials for Protective Clothing: Chemically resistant materials and fabrics. Wear fire/flammable resistant/retardant clothing. Corrosion-proof clothing.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles and face shield.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

| | |
|--|------------------|
| Physical State | : Liquid |
| Appearance | : Light yellow |
| Odor | : Not available |
| Odor Threshold | : Not available |
| pH | : Not available |
| Evaporation Rate | : Not available |
| Melting Point | : Not available |
| Freezing Point | : Not available |
| Boiling Point | : Not available |
| Flash Point | : Not available |
| Auto-ignition Temperature | : Not available |
| Decomposition Temperature | : Not available |
| Flammability (solid, gas) | : Not applicable |
| Lower Flammable Limit | : Not available |
| Upper Flammable Limit | : Not available |
| Vapor Pressure | : Not available |
| Relative Vapor Density at 20°C | : Not available |
| Relative Density | : Not available |
| Specific Gravity | : Not available |
| Solubility | : Not available |
| Partition Coefficient: N-Octanol/Water | : Not available |
| Viscosity | : Not available |

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Reacts violently with strong oxidizers. Increased risk of fire or explosion. May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction.
- 10.2. Chemical Stability:** Combustible liquid. May form flammable or explosive vapor-air mixture.
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
- 10.5. Incompatible Materials:** Acids. Oxidizers, powerful reducers.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce : Corrosive vapors. Nitric acid. Nitrogen oxides. Nitrous fumes. Carbon oxides (CO, CO₂). Aldehydes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

- Acute Toxicity (Oral):** Harmful if swallowed.
- Acute Toxicity (Dermal):** Not classified
- Acute Toxicity (Inhalation):** Harmful if inhaled.

LD50 and LC50 Data:

| SPARTACOTE® Surface Build Part B | |
|----------------------------------|----------------------------|
| ATE US/CA (oral) | 1,008.63 mg/kg body weight |
| ATE US/CA (dust, mist) | 4.29 mg/l/4h |

Skin Corrosion/Irritation: Causes severe skin burns.

Eye Damage/Irritation: Causes serious eye damage.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

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Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness. May be corrosive to the respiratory tract.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Causes severe irritation which will progress to chemical burns.

Symptoms/Injuries After Eye Contact: Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

Chronic Symptoms: Suspected of damaging fertility or the unborn child. May cause damage to organs (Liver, Muscles, Kidney) through prolonged or repeated exposure.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

| | |
|---|--|
| Benzyl alcohol (100-51-6) | |
| LD50 Oral Rat | 1230 mg/kg |
| LD50 Dermal Rabbit | > 2000 mg/kg |
| LD50 Intravenous Rat | 53 mg/kg |
| LC50 Inhalation Rat | > 4.178 mg/l/4h |
| ATE US/CA (dust, mist) | 1.50 mg/l/4h |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| LD50 Oral Rat | 1030 mg/kg |
| LD50 Dermal Rat | > 2000 mg/kg |
| ATE US/CA (dermal) | 1,100.00 mg/kg body weight |
| 4-tert-Butylphenol (98-54-4) | |
| LD50 Oral Rat | 4000 mg/kg |
| LD50 Dermal Rabbit | 2318 mg/kg |
| Formaldehyde, polymer with benzenamine, hydrogenated (135108-88-2) | |
| LD50 Oral Rat | 368 mg/kg |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) | |
| LD50 Oral Rat | 1000 mg/kg |
| LD50 Dermal Rabbit | 2110 mg/kg (Species: New Zealand White) |
| 1-Piperazineethanamine (140-31-8) | |
| LD50 Oral Rat | 2140 µl/kg |
| LD50 Dermal Rabbit | 880 µl/kg |
| ATE US/CA (oral) | 500.00 mg/kg body weight |
| ATE US/CA (dermal) | 1,100.00 mg/kg body weight |
| Salicylic acid (69-72-7) | |
| LD50 Oral Rat | 891 mg/kg |
| LD50 Dermal Rat | > 2 g/kg |
| LC50 Inhalation Rat | > 900 mg/m ³ (Exposure time: 1 h) |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| LD50 Oral Rat | 1200 mg/kg |
| LD50 Dermal Rat | 1280 mg/kg |

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

| | |
|----------------------------------|--|
| Benzyl alcohol (100-51-6) | |
| LC50 Fish 1 | 460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 23 mg/l (Exposure time: 48 h - Species: water flea) |

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| | |
|---|--|
| LC50 Fish 2 | 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| ErC50 (algae) | 770 mg/l |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| EC50 Daphnia 1 | 14.6 – 21.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [semi-static]) |
| NOEC Chronic Crustacea | 3 mg/l |
| 4-tert-Butylphenol (98-54-4) | |
| LC50 Fish 1 | 4.71 – 5.62 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 3.9 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | 6.9 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [static]) |
| EC50 Daphnia 2 | 3.4 – 4.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| ErC50 (algae) | 14 mg/l (Exposure tme: 72 h - Species: Pseudokirchneriella subcapitata [static]) |
| NOEC Chronic Fish | 0.1 mg/l (Species: Pimephales promelas) |
| NOEC Chronic Algae | 0.32 mg/l |
| Formaldehyde, polymer with benzenamine, hydrogenated (135108-88-2) | |
| LC50 Fish 1 | 63 mg/l Exposure time: 96 h - Species: Poecilia reticulata) |
| EC50 Daphnia 1 | 15.4 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| ErC50 (algae) | 43.94 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus) |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5) | |
| LC50 Fish 1 | 1.62 mg/l |
| EC50 Daphnia 1 | 1.59 mg/l |
| ErC50 (algae) | 3.3 mg/l |
| NOEC Chronic Algae | 2.07 mg/l |
| 1-Piperazineethanamine (140-31-8) | |
| LC50 Fish 1 | 1950 – 2460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through]) |
| EC50 Daphnia 1 | 32 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 Fish 2 | > 1000 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static]) |
| Salicylic acid (69-72-7) | |
| LC50 Fish 1 | 100 mg/l |
| EC50 Daphnia 1 | 870 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| ErC50 (algae) | 65 mg/l |
| NOEC Chronic Algae | 31 mg/l |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| ErC50 (algae) | 84 mg/l |
| NOEC Chronic Algae | 6.25 g/l |

12.2. Persistence and Degradability

| | |
|---|---|
| SPARTACOTE® Surface Build Part B | |
| Persistence and Degradability | May cause long-term adverse effects in the environment. |

12.3. Bioaccumulative Potential

| | |
|---|------------------|
| SPARTACOTE® Surface Build Part B | |
| Bioaccumulative Potential | Not established. |
| Benzyl alcohol (100-51-6) | |
| Partition coefficient n-octanol/water (Log Pow) | 1.1 |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.79 (at 23 °C) |
| 4-tert-Butylphenol (98-54-4) | |
| BCF Fish 1 | 34 – 240 |

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| | |
|--|-------------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 2.44 |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) | |
| Partition coefficient n-octanol/water (Log Pow) | 2.03 |
| 1-Piperazineethanamine (140-31-8) | |
| BCF Fish 1 | (no bioaccumulation expected) |
| Partition coefficient n-octanol/water (Log Pow) | -1.48 |
| Salicylic acid (69-72-7) | |
| BCF Fish 1 | ≥ 1000 |
| Partition coefficient n-octanol/water (Log Pow) | 0 – 2.26 (at 37 °C) |

12.4. Mobility in Soil Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Additional Information: Handle empty containers with care because residual vapors are flammable.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name : CORROSIVE LIQUIDS, N.O.S.(Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-; Cyclohexanamine, 4,4'-methylenebis-)

Hazard Class : 8

Identification Number : UN1760

Label Codes : 8

Packing Group : III

ERG Number : 154



14.2. In Accordance with IMDG

Proper Shipping Name : CORROSIVE LIQUID, N.O.S.(Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-; Cyclohexanamine, 4,4'-methylenebis-)

Hazard Class : 8

Identification Number : UN1760

Label Codes : 8

Packing Group : III

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-B



14.3. In Accordance with IATA

Proper Shipping Name : CORROSIVE LIQUID, N.O.S. (Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-; Cyclohexanamine, 4,4'-methylenebis-)

Hazard Class : 8

Identification Number : UN1760

Label Codes : 8

Packing Group : III

ERG Code (IATA) : 8L



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14.4. In Accordance with TDG

| | |
|-----------------------|---|
| Proper Shipping Name | : CORROSIVE LIQUID, N.O.S.(Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-; Cyclohexanamine, 4,4'-methylenebis-) |
| Hazard Class | : 8 |
| Identification Number | : UN1760 |
| Label Codes | : 8 |
| Packing Group | : III |



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

| | |
|---|---|
| SPARTACOTE® Surface Build Part B | |
| SARA Section 311/312 Hazard Classes | Health hazard - Reproductive toxicity Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Respiratory or skin sensitization Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Acute toxicity (any route of exposure) Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation |
| Benzyl alcohol (100-51-6) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 4-tert-Butylphenol (98-54-4) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Formaldehyde, polymer with benzenamine, hydrogenated (135108-88-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | PMN - PMN - indicates a commenced PMN substance. XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). |
| Cyclohexanamine, 4,4'-methylenebis- (1761-71-3) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| EPA TSCA Regulatory Flag | XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). |
| 1-Piperazineethanamine (140-31-8) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Salicylic acid (69-72-7) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

15.2. US State Regulations

| | |
|---|--|
| Benzyl alcohol (100-51-6) | |
| U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List | |
| Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2) | |
| U.S. - New Jersey - Right to Know Hazardous Substance List | |
| 1-Piperazineethanamine (140-31-8) | |

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U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - Pennsylvania - RTK (Right to Know) List
 U.S. - Massachusetts - Right To Know List

15.3. Canadian Regulations

Benzyl alcohol (100-51-6)

Listed on the Canadian DSL (Domestic Substances List)

Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl- (2855-13-2)

Listed on the Canadian DSL (Domestic Substances List)

4-tert-Butylphenol (98-54-4)

Listed on the Canadian DSL (Domestic Substances List)

Formaldehyde, polymer with benzenamine, hydrogenated (135108-88-2)

Listed on the Canadian DSL (Domestic Substances List)

Cyclohexanamine, 4,4'-methylenebis- (1761-71-3)

Listed on the Canadian DSL (Domestic Substances List)

Cyclohexanemethanamine, 5-amino-1,3,3-trimethyl-, reaction products with bisphenol A diglycidyl ether homopolymer (68609-08-5)

Listed on the Canadian DSL (Domestic Substances List)

1-Piperazineethanamine (140-31-8)

Listed on the Canadian DSL (Domestic Substances List)

Salicylic acid (69-72-7)

Listed on the Canadian DSL (Domestic Substances List)

2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)

Listed on the Canadian DSL (Domestic Substances List)

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 10/29/2020

Revision

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

GHS Full Text Phrases:

| | |
|-------------------------------------|--|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment - Chronic Hazard Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment - Chronic Hazard Category 3 |
| Comb. Dust | Combustible Dust |
| Eye Dam. 1 | Serious eye damage/eye irritation Category 1 |
| Eye Irrit. 2A | Serious eye damage/eye irritation Category 2A |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Repr. 2 | Reproductive toxicity Category 2 |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B |
| Skin Corr. 1C | Skin corrosion/irritation Category 1C |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization, Category 1 |
| Skin Sens. 1B | Skin sensitization, category 1B |

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| | |
|-----------|---|
| STOT RE 2 | Specific target organ toxicity (repeated exposure) Category 2 |
| H227 | Combustible liquid |
| H302 | Harmful if swallowed |
| H312 | Harmful in contact with skin |
| H314 | Causes severe skin burns and eye damage |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H361 | Suspected of damaging fertility or the unborn child |
| H373 | May cause damage to organs through prolonged or repeated exposure |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |
| H411 | Toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

NA GHS SDS 2015 (Can, US)