

 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).

 Revision Date: 01/11/2022
 Date of Issue: 07/22/2020
 Version: 1.1

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

Product Name: SPARTACOTE[™] FLEX PURE[™] Part A

1.2. Intended Use of the Product

Decorative coating.

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

CompanyCompanyLATICRETE InternationalLATICRETE Canada ULC1 Laticrete Park, NPO Box 129, Emeryville, Ontario, CanadaBethany, CT 06524NOR-1A0T (203)-393-0010(833)-254-9255

www.laticrete.com

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/C	A Classification
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Skin Sens. 1	H317
Aquatic Acute 3	H402
Aquatic Chronic 1	H410

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

2.2. Label Elements

GHS-US/CA Labeling

Hazard Pictograms	(GHS-US/CA)
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P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P391 - Collect spillage.

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.

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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
DL-Aspartic acid, N,N'-(methylenedi- 4,1-cyclohexanediyl)bis-, tetraethyl ester	(CAS-No.) 136210-30-5	43 - 71	Skin Sens. 1, H317 Aquatic Chronic 3, H412
Aspartic acid, N,N'-[methylenebis(2- methyl-4,1-cyclohexanediyl)]bis-, tetraethyl ester	(CAS-No.) 136210-32-7	19 - 24	Skin Sens. 1, H317 Aquatic Acute 3, H402 Aquatic Chronic 1, H410
Fumaric acid, diethyl ester	(CAS-No.) 623-91-6	1-5	Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Bis(1,2,2,6,6-pentamethyl-4- piperidyl) sebacate	(CAS-No.) 41556-26-7	0.7 - 1	Flam. Liq. 4, H227 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Poly(oxy-1,2-ethanediyl), .alpha[3- [3-(2H-benzotriazol-2-yl)-5-(1,1- dimethylethyl)-4-hydroxyphenyl]-1- oxopropyl]omega[3-[3-(2H- benzotriazol-2-yl)-5-(1,1- dimethylethyl)-4-hydroxyphenyl]-1- oxopropoxy]-	(CAS-No.) 104810-47-1	0.3 - 0.6	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Poly(oxy-1,2-ethanediyl), .alpha[3- [3-(2H-benzotriazol-2-yl)-5-(1,1- dimethylethyl)-4-hydroxyphenyl]-1- oxopropyl]omegahydroxy-	(CAS-No.) 104810-48-2	0.3 - 0.6	Skin Sens. 1, H317 Aquatic Chronic 2, H411
Decanedioic acid, methyl 1,2,2,6,6- pentamethyl-4-piperidinyl ester	(CAS-No.) 82919-37-7	0.2 - 0.5	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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%).

** The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

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: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

Eye Contact: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for at least 15 minutes. Obtain medical attention.

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

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4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: May cause an allergic skin reaction.

Eye Contact: May cause slight irritation to eyes.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

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: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

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.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. **Hazardous Combustion Products**: Carbon oxides (CO, CO₂). Nitrous fumes. Ammonia.

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: Avoid breathing (vapor, mist, spray). Do not get in eyes, on skin, or on clothing.

6.1.1. For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

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.

6.2. Environmental Precautions

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

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.

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.

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

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. **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.

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Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Decorative coating.

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.

8.2. Exposure Controls

Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment: Gloves. Protective clothing. Protective goggles.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye and Face Protection: Chemical safety goggles.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Cher	mical	l Properties
Physical State	:	Liquid
Appearance	:	Not available
Odor	:	Not available
Odor Threshold	:	Not available
рН	:	Not available
Evaporation Rate	:	Not available
Melting Point	:	Not available
Freezing Point	:	Not available
Boiling Point	:	185 °C (365 °F)
Flash Point	:	136.7 °C (278.06 °F)
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	:	1.062
Solubility	:	Not available
Partition Coefficient: N-Octanol/Water	:	Not available
Viscosity	:	Not available

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SECTION 10: STABILITY AND REACTIVITY

- **10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- **10.2.** Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- **10.4.** Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.
- **10.5.** Incompatible Materials: Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products: Decomposes slowly under the influence of air and light.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

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

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction.

Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.

Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Fumaric acid, diethyl ester (623-91-6)		
LD50 Oral Rat	1780 mg/kg	
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)		
LD50 Oral Rat	2615 mg/kg	

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

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

Aspartic acid, N,N'-[methylenebis(2-me	thyl-4,1-cyclohexanediyl)]bis-, tetraethyl ester (136210-32-7)		
NOEC Chronic Crustacea	0.013 mg/l		
Fumaric acid, diethyl ester (623-91-6)			
LC50 Fish 1	2.4 mg/l		
ErC50 (algae)	1.1 mg/l		
Bis(1,2,2,6,6-pentamethyl-4-piperidyl)	sebacate (41556-26-7)		
50 Fish 1 0.97 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])			
12.2. Persistence and Degradability	ty		
SPARTACOTE [®] FLEX PURE [™] Part A			
Persistence and Degradability May cause long-term adverse effects in the environment.			
12.3. Bioaccumulative Potential			
SPARTACOTE [®] FLEX PURE [™] Part A			

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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.

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

BSTANCES, LIQUID, N.O.S.(Aspartic acid, N,N'- xanediyl)]bis-, tetraethyl ester; Decanedioic acid, methyl ester) BSTANCE, LIQUID, N.O.S.(Aspartic acid, N,N'- xanediyl)]bis-, tetraethyl ester; Decanedioic acid, methyl ester)
xanediyl)]bis-, tetraethyl ester; Decanedioic acid, methyl
9
BSTANCE, LIQUID, N.O.S. (Aspartic acid, N,N'- xanediyl)]bis-, tetraethyl ester; Decanedioic acid, methyl ester)
9
BSTANCE, LIQUID, N.O.S.(Aspartic acid, N,N'- xanediyl)]bis-, tetraethyl ester; Decanedioic acid, methyl ester)

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Packing Group

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Identification	Number
Label Codes	

Marine Pollutant (TDG)

: UN3082 : 9

: Marine pollutant

: 111



SECTION 15: REGULATORY INFORMATION			
15.1. US Federal Regulations			
SPARTACOTE [®] FLEX PURE [™] Part A			
SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization		
DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-,	tetraethyl ester (136210-30-5)		
Listed on the United States TSCA (Toxic Substances Control Act			
EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.		
Aspartic acid, N,N'-[methylenebis(2-methyl-4,1-cyclohexaned	iyl)]bis-, tetraethyl ester (136210-32-7)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
EPA TSCA Regulatory Flag	PMN - PMN - indicates a commenced PMN substance.		
Fumaric acid, diethyl ester (623-91-6)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory			
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)			
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Poly(oxy-1,2-ethanediyl), .alpha[3-[3-(2H-benzotriazol-2-yl)- hydroxy- (104810-48-2)	5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]omega		
Listed on the United States TSCA (Toxic Substances Control Act)) inventory		
EPA TSCA Regulatory Flag	FRI - FRI - indicates a polymeric substance containing no free-radical		
	initiator in its Inventory name but is considered to cover the		
	designated polymer made with any free-radical initiator regardless		
	of the amount used.		
	PMN - PMN - indicates a commenced PMN substance.		
	XU - XU - indicates a substance exempt from reporting under the		
	Chemical Data Reporting Rule, (40 CFR 711).		
	5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]omega[3-[3-		
(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl			
Listed on the United States TSCA (Toxic Substances Control Act)			
EPA TSCA Regulatory Flag	FRI - FRI - indicates a polymeric substance containing no free-radical		
	initiator in its Inventory name but is considered to cover the		
	designated polymer made with any free-radical initiator regardless		
	of the amount used.		
	PMN - PMN - indicates a commenced PMN substance.		
	XU - XU - indicates a substance exempt from reporting under the		

15.2. **US State Regulations**

Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed

Chemical Data Reporting Rule, (40 CFR 711).

15.3. **Canadian Regulations**

DL-Aspartic acid, N,N'-(methylenedi-4,1-cyclohexanediyl)bis-, tetraethyl ester (136210-30-5)	
Listed on the Canadian DSL (Domestic Substances List)	
Aspartic acid, N,N'-[methylenebis(2-methyl-4,1-cyclohexanediyl)]bis-, tetraethyl ester (136210-32-7)	
Listed on the Canadian DSL (Domestic Substances List)	

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Fumaric acid, diethyl ester (623-91-6)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)

Listed on the Canadian DSL (Domestic Substances List)

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)

Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-

hydroxy- (104810-48-2)

Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]- (104810-47-1)

Listed on the Canadian DSL (Domestic Substances List)

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

: 01/11/2022

Date of Preparation or Latest
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 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
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 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Sens. 1	Skin sensitization, Category 1
H227	Combustible liquid
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
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)