

## SAFETY DATA SHEET

#### **Section 1. Identification** Product identifier : | T52

FIGUELIGENTINE	•	LIJZ
Product name	:	SPARKLE SILVER
Other means of identification	:	1250093008
Date of issue	:	3/4/2024
Version	:	13.03

<u>Relevant identified uses of the substance or mixture and uses advised against</u>			
Identified uses	: Coating component.		
Uses advised against	: Not for sale to or use by consumers.		
Supplier's details	: Axalta Coating Systems Canada Company 1915 2nd St. W Cornwall, ON K6H5R6		
Product information	: 613-932-8960		
Emergency telephone	: (CHEMTREC) - 800-424-9300		

#### number

: (CHEMTREC) - 800-424-9300

# Section 2. Hazard identification

Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) -
<u>GHS label elements</u> Hazard pictograms	Category 3
Signal word	· Danger
Signal word	: Danger
Hazard statements	<ul> <li>H225 - Highly flammable liquid and vapor.</li> <li>H319 - Causes serious eye irritation.</li> <li>H336 - May cause drowsiness or dizziness.</li> </ul>
Precautionary statements	
Prevention	<ul> <li>P280 - Wear protective gloves, protective clothing and eye or face protection.</li> <li>P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</li> <li>P271 - Use only outdoors or in a well-ventilated area.</li> <li>P261 - Avoid breathing vapor.</li> <li>P264 - Wash hands thoroughly after handling.</li> </ul>

Response	<ul> <li>P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.</li> <li>P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</li> <li>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P337 + P313 - If eye irritation persists: Get medical advice or attention.</li> </ul>
Storage	<ul> <li>P405 - Store locked up.</li> <li>P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.</li> </ul>
Disposal	<ul> <li>P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Supplemental label elements	: None known.

Other hazards which do not	: None known.
result in classification	

### Section 3. Composition/information on ingredients

Substance/mixture : Mixture			
Chemical name	Common name and Synonyms	CAS number	% (w/w)
tert-butyl acetate	T-BUTYL ACETATE	540-88-5	≥10 - ≤30
Aluminium powder (stabilized)	ALUMINUM	7429-90-5	≥10 - ≤30
heptan-2-one	METHYL AMYL KETONE	110-43-0	≥10 - ≤30
Distillates (petroleum), hydrotreated light	ALIPHATIC HYDROCARBON	64742-47-8	≥5 - ≤10
solvent naphtha (petroleum), light aromatic	AROMATIC HYDROCARBON	64742-95-6	≥1 - ≤5
ethyl 3-ethoxypropionate	ETHYL 3-ETHOXY PROPIONATE	763-69-9	≥1 - ≤5
polyaminoamide salt	POLYAMINOAMIDE SALT	-	≥1 - ≤5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First-aid measures

#### **Description of necessary first aid measures**

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

# Section 4. First-aid measures

Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	<ul> <li>Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.</li> </ul>
Ingestion	: Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

wost important symptoms/	enects, acute and delayed	
Potential acute health effe	<u>cts</u>	
Eye contact	: Causes serious eye irritation.	
Inhalation	<ul> <li>Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.</li> </ul>	
Skin contact	: No known significant effects or critical hazards.	
Ingestion	: Can cause central nervous system (CNS) depression.	
Over-exposure signs/sym	<u>otoms</u>	
Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness	
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness	
Skin contact	: No specific data.	
Ingestion	: No specific data.	
Indication of immediate medical attention and special treatment needed, if necessary		
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	

#### LT52

### Section 4. First-aid measures

See toxicological information (Section 11)

### Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	<ul> <li>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.</li> </ul>
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	<ul> <li>Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.</li> </ul>

## Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and<br/>explosion-proof equipment. Dilute with water and mop up if water-soluble.<br/>Alternatively, or if water-insoluble, absorb with an inert dry material and place in an<br/>appropriate waste disposal container. Dispose of via a licensed waste disposal<br/>contractor.

## Section 6. Accidental release measures

## Section 7. Handling and storage

#### Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Storage code	:	IA

### Section 8. Exposure controls/personal protection

#### **Control parameters**

#### **Occupational exposure limits**

Ingredient name	Exposure limits
tert-butyl acetate	CA Alberta Provincial (Canada, 6/2018). OEL: 200 ppm 8 hours. OEL: 950 mg/m <sup>3</sup> 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 250 ppm 15 minutes. TWA: 200 ppm 8 hours. CA Ontario Provincial (Canada, 6/2019). [butyl acetates, all isomers]

Section 8. Exposure controls/personal protection			
	STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. <b>CA British Columbia Provincial (Canada, 6/2023).</b> <b>[butyl acetate, all isomers]</b> STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. <b>CA Quebec Provincial (Canada, 6/2022).</b> [butyl acetates] STEV: 150 ppm 15 minutes. TWAEV: 50 ppm 8 hours.		
Aluminium powder (stabilized)	<ul> <li>CA Alberta Provincial (Canada, 6/2018). OEL: 10 mg/m<sup>3</sup> 8 hours. Form: Metal Dust</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>[Aluminum pyro powders and metal dust] STEL: 20 mg/m<sup>3</sup>, (measured as Al) 15 minutes. Form: Metal dust TWA: 10 mg/m<sup>3</sup>, (measured as Al) 8 hours. Form: Metal dust STEL: 10 mg/m<sup>3</sup>, (measured as Al) 15 minutes. Form: Pyro powder TWA: 5 mg/m<sup>3</sup>, (measured as Al) 8 hours. Form: Pyro powder</li> <li>CA British Columbia Provincial (Canada, 6/2023).</li> <li>[Aluminum metal and insoluble compounds] TWA: 1 mg/m<sup>3</sup> 8 hours. Form: Respirable</li> <li>CA Quebec Provincial (Canada, 6/2022). [aluminum and its compounds]</li> <li>TWAEV: 5 mg/m<sup>3</sup> 8 hours. Form: Respirable dust.</li> <li>CA Ontario Provincial (Canada, 6/2019). [Aluminum metal and insoluble compounds]</li> </ul>		
heptan-2-one	<ul> <li>TWA: 1 mg/m<sup>3</sup> 8 hours. Form: Respirable particulate matter.</li> <li>CA Alberta Provincial (Canada, 6/2018).</li> <li>OEL: 233 mg/m<sup>3</sup> 8 hours.</li> <li>OEL: 50 ppm 8 hours.</li> <li>CA British Columbia Provincial (Canada, 6/2023).</li> <li>TWA: 50 ppm 8 hours.</li> <li>CA Ontario Provincial (Canada, 6/2019).</li> <li>TWA: 25 ppm 8 hours.</li> <li>TWA: 115 mg/m<sup>3</sup> 8 hours.</li> <li>CA Quebec Provincial (Canada, 6/2022).</li> <li>TWAEV: 50 ppm 8 hours.</li> <li>TWAEV: 50 ppm 8 hours.</li> <li>TWAEV: 233 mg/m<sup>3</sup> 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013).</li> <li>STEL: 60 ppm 15 minutes.</li> </ul>		
Distillates (petroleum), hydrotreated light	<ul> <li>TWA: 50 ppm 8 hours.</li> <li>CA British Columbia Provincial (Canada, 6/2023).</li> <li>[Kerosene/Jet fuels] Absorbed through skin. Notes:</li> <li>Application restricted to conditions in which there are negligible aerosol exposures.</li> <li>TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Alberta Provincial (Canada, 6/2018). [Kerosene/Jet fuels] Absorbed through skin.</li> <li>OEL: 200 mg/m³, (as total hydrocarbon vapour) 8</li> </ul>		

# Section 8. Exposure controls/personal protection

ethyl 3-ethoxypropionate	hours. <b>CA Ontario Provincial (Canada, 6/2019). Absorbed</b> <b>through skin.</b> TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours. <b>CA Ontario Provincial (Canada, 6/2019).</b> TWA: 300 mg/m³ 8 hours. TWA: 50 ppm 8 hours.		
Appropriate engineering controls	: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.		
Environmental exposure controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.		
Individual protection meas	<u>ures</u>		
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.		
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.		
Skin protection			
Hand protection	: 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.		
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.		
Other skin protection	: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.		
Respiratory protection	: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.		

## **Section 9. Physical and chemical properties**

#### Appearance

Physical state	:	Liquid.
Color	:	Aluminum.
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not applicable.
Melting point	:	Technically not possible to measure
Boiling point	:	96 to 152.1°C (204.8 to 305.8°F)
Freezing point	:	Not available.
Flash point	:	Closed cup: 21.667°C (71°F)
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive (flammable) limits	:	Lower: 1.1% Upper: 7.9%
Vapor pressure	:	1.4 kPa (10.5 mm Hg)
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility(ies)	:	

Media	Result
cold water	Very slightly soluble

Partition coefficient: n- octanol/water	:	Not applicable.
Auto-ignition temperature	:	220°C (428°F)
Decomposition temperature	:	Not applicable.
Viscosity	:	Not available.
Flow time (ISO 2431)	:	Not available.

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
tert-butyl acetate	LD50 Oral	Rat	4100 mg/kg	-
heptan-2-one	LC50 Inhalation Vapor	Rat	16.8 mg/l	4 hours
	LD50 Dermal	Rabbit	10332 mg/kg	-
	LD50 Oral	Rat	1600 mg/kg	-
solvent naphtha (petroleum), light aromatic	LD50 Dermal	Rabbit	3492 mg/kg	-
•	LD50 Oral	Rat	8400 mg/kg	-
ethyl 3-ethoxypropionate	LD50 Dermal	Rat - Male	4080 mg/kg	-
· · · ·	LD50 Oral	Rat	3200 mg/kg	-

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
tert-butyl acetate	Eyes - Mild irritant	Rabbit	-	100 uL	-
	Skin - Mild irritant	Rabbit	-	24 hours 500 uL	-
heptan-2-one	Skin - Mild irritant	Rabbit	-	24 hours 14 mg	-
ethyl 3-ethoxypropionate	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-

#### Sensitization

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
heptan-2-one Distillates (petroleum), hydrotreated light solvent naphtha (petroleum), light aromatic	Category 3 Category 3 Category 3 Category 3		Narcotic effects Narcotic effects Respiratory tract irritation Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

# Section 11. Toxicological information

Name			Result	
Distillates (petroleum), hydro solvent naphtha (petroleum)		0	ASPIRATION HAZARD - Category 1 ASPIRATION HAZARD - Category 1	
nformation on the likely outes of exposure	: Not a	available.		
Potential acute health effects	<u>5</u>			
Eye contact	: Caus	ses serious eye irritation.		
Inhalation		cause central nervous system (CN ness.	NS) depression. May cause drowsiness or	
Skin contact	: No k	nown significant effects or critical	hazards.	
Ingestion	: Can	cause central nervous system (CN	NS) depression.	
Symptoms related to the phy	/sical, cł	nemical and toxicological charac	cteristics	
Eye contact		5	lowing:	
Inhalation	naus heac drow dizzi	erse symptoms may include the fol sea or vomiting lache vsiness/fatigue ness/vertigo onsciousness	llowing:	
		No specific data.		
Skin contact	: Nos	pecific data.		
Skin contact Ingestion		pecific data. pecific data.		
Ingestion Delayed and immediate effect	: Nos		<u>nd long term exposure</u>	
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#### Numerical measures of toxicity

### Section 11. Toxicological information

Acute toxicity estimates			
Route	ATE value		
Oral	6779.26 mg/kg		
Dermal	38303.43 mg/kg		
Inhalation (vapors)	92.18 mg/l		

## Section 12. Ecological information

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses waterways.

### Section 13. Disposal considerations

**Disposal methods** 

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

	TDG Classification	DOT Classification	IMDG	ΙΑΤΑ				
UN number	UN1263	UN1263	UN1263	UN1263				
UN proper shipping name	PAINT	PAINT	PAINT	PAINT				
Transport hazard class(es)	3	3	3	3				
Packing group	П	П	11	П				
Environmental hazards	No.	No.	No.	No.				

### Section 14. Transport information

Additional information

TDG Classification

: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).

### Section 14. Transport information

DOT Classification	:	<b>Reportable quantity</b> 23282 lbs / 10570 kg [2672.1 gal / 10114.9 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
Special precautions for user	:	<b>Transport within user's premises:</b> always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
Transport in bulk according to IMO instruments	:	Not available.

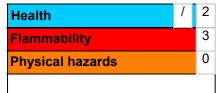
The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

### Section 15. Regulatory information

<u>Canadian lists</u>	
Canadian NPRI	<ul> <li>The following components are listed: aluminum (fume or dust only); hydrotreated light distillate; light aromatic solvent naphtha</li> </ul>
CEPA Toxic substances	: None of the components are listed.
Inventory list	
Canada	: All components are listed or exempted.
United States	: All components are listed or exempted.

### Section 16. Other information

#### Hazardous Material Information System (U.S.A.)



Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

#### National Fire Protection Association (U.S.A.)



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#### **History**

### Section 16. Other information

Date of issue	:	3/4/2024
Version	:	13.03
		Product stewardship and regulatory compliance.
Key to abbreviations	:	ATE = Acute Toxicity Estimate GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations HPR = Hazardous Products Regulations

**V** Indicates information that has changed from previously issued version.

#### Notice to reader

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