

SAFETY DATA SHEET

Section 1. Identification

Product identifier	: 864389EB
Product name	: ELITE 864389EB SILVER BC
Date of issue	: 8/1/2022
Version	: 5
Relevant identified uses o	f the substance or mixture and uses advised against
Identified uses	: Coating component.
Uses advised against	: Not for sale to or use by consumers.
Supplier's details	: Axalta Coating Systems, LLC 50 Applied Bank Blvd. Suite 300 Glen Mills, PA 19342 USA
Product information	855-6AXALTA
Emergency telephone number	: (CHEMTREC) - 800-424-9300

Section 2. Hazards identification

5

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

GHS label elements

Hazard pictograms



Signal word Hazard statements	 Danger H225 - Highly flammable liquid and vapor. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness.
Precautionary statements	
Prevention	 P280 - Wear eye or face protection. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P241 - Use explosion-proof electrical, ventilating or lighting equipment. P242 - Use non-sparking tools. P243 - Take action to prevent static discharges. P261 - Avoid breathing vapor.

Section 2. Hazards identification

Response	 P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice or attention.
Storage	 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed. P403 + P235 - Keep cool.
Disposal	: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards not otherwise classified	: None known.

Section 3. Composition/information on ingredients

Ingredient name	%	CAS number
ethyl acetate	≥10 - ≤25	141-78-6
heptan-2-one	≥10 - ≤20	110-43-0
n-butyl acetate	≤5	123-86-4
Naphtha (petroleum), hydrotreated heavy	≤5	64742-48-9
Isopropyl alcohol	≤3	67-63-0
heptane (mixture of isomers)	≤3	142-82-5
solvent naphtha (petroleum), light arom.	≤3	64742-95-6
Distillates (petroleum), hydrotreated light	≤3	64742-47-8

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.
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	: 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.
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

Section 4. First aid measures

immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms	/effects, acute and delayed	
Potential acute health eff	ects	
Eye contact	: Causes serious eye irritation.	
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness.	
Skin contact	: No known significant effects or critical hazards.	
Ingestion	: Can cause central nervous system (CNS) depression.	
<u>Over-exposure signs/symptoms</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	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: 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.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides

Section 5. Fire-fighting measures

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	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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 explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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.

Section 7. Handling and storage

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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	:	X

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
<mark>∉t</mark> hyl acetate	ACGIH TLV (United States, 1/2021). TWA: 400 ppm 8 hours. TWA: 1440 mg/m³ 8 hours. OSHA PEL 1989 (United States, 3/1989). TWA: 400 ppm 8 hours. TWA: 1400 mg/m³ 8 hours. TWA: 1400 mg/m³ 10 hours. TWA: 1400 mg/m³ 8 hours. TWA: 400 ppm 8 hours.
heptan-2-one	ACGIH TLV (United States, 1/2021). TWA: 50 ppm 8 hours. TWA: 233 mg/m ³ 8 hours. OSHA PEL 1989 (United States, 3/1989). TWA: 100 ppm 8 hours. TWA: 465 mg/m ³ 8 hours. NIOSH REL (United States, 10/2020). TWA: 100 ppm 10 hours. TWA: 465 mg/m ³ 10 hours. OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours. TWA: 465 mg/m ³ 8 hours.
n-butyl acetate	OSHA PEL 1989 (United States, 3/1989). TWA: 150 ppm 8 hours. TWA: 710 mg/m ³ 8 hours. STEL: 200 ppm 15 minutes. STEL: 950 mg/m ³ 15 minutes. NIOSH REL (United States, 10/2020).

Section 8. Exposure controls/personal protection

heptane (mixture of isomers) ACGIH TLV (United States, 1/2021). Nephane (mixture of isomers) ACGIH TLV (United States, 1/2021). Nephane (mixture of isomers) ACGIH TLV (United States, 1/2021). Nephane (mixture of isomers) ACGIH TLV (United States, 1/2021). Naphtha (petroleum), hydrotreated heavy None. Isopropyl alcohol ACGIH TLV (United States, 1/2021). TWA: 50 ppm 8 hours. STEL: 400 ppm 8 hours. STEL: 400 ppm 15 minutes. STEL: 500 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 hours. TWA: 400 ppm 8 hours. TWA: 400 ppm 16 hours. TWA: 980 mg/m 16 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 hours. TWA: 400 ppm 8 hours. TWA: 400 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 hours. STEL: 500 ppm 16 hours. TWA: 400 ppm 8 hours. STEL: 500 ppm 16 hours.	Distillates (petroleum), hydrotreated light	ACGIH TLV (United States, 1/2021). Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon vapor) 8 hours.
Image: Stell: 300 pm (5) minutes. STEL: 300 pm (5) minutes. STEL: 300 pm (5) minutes. OSHA PEL (United States, 5/2018). TWA: 150 ppm 8 hours. TWA: 150 ppm 15 minutes. ACGIH TLV (United States, 1/2021). STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. TWA: 50 ppm 8 hours. STEL: 150 ppm 15 minutes. Stress: 200 ppm (1) ACGIH TLV (United States, 1/2021). TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes. OSHA PEL 1980 (United States, 3/1989). TWA: 400 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 hours. TWA: 400 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 hours. TWA: 400 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 hours. STEL: 500 ppm 15 minutes. OSHA PEL (United States, 1/2021). TWA: 400 ppm 8 hours. TWA: 400 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 minutes.	solvent naphtha (petroleum), light arom.	None.
TWA: 710 mg/m³ 10 hours. STEL: 200 ppm 15 minutes. OSHA PEL (United States, 5/2018). TWA: 750 ppm 8 hours. TWA: 710 mg/m³ 8 hours. TWA: 710 mg/m³ 8 hours. ACGIH TLV (United States, 1/2021). STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours. TWA: 50 ppm 8 hours. Naphtha (petroleum), hydrotreated heavy Isopropyl alcohol ACGIH TLV (United States, 1/2021). STEL: 400 ppm 8 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m³ 15 minutes. STEL: 500 ppm 16 minutes. STEL: 500 ppm 15 minutes. STEL: 500 ppm 16 minutes.	heptane (mixture of isomers)	TWA: 400 ppm 8 hours. TWA: 1640 mg/m ³ 8 hours. STEL: 500 ppm 15 minutes. STEL: 2050 mg/m ³ 15 minutes. OSHA PEL 1989 (United States, 3/1989). TWA: 400 ppm 8 hours. TWA: 1600 mg/m ³ 8 hours. STEL: 500 ppm 15 minutes. STEL: 2000 mg/m ³ 15 minutes. NIOSH REL (United States, 10/2020). TWA: 85 ppm 10 hours. TWA: 350 mg/m ³ 10 hours. CEIL: 440 ppm 15 minutes. CEIL: 440 ppm 15 minutes. OSHA PEL (United States, 5/2018). TWA: 500 ppm 8 hours.
TWA: 710 mg/m³ 10 hours.STEL: 200 ppm 15 minutes.STEL: 950 mg/m³ 15 minutes.OSHA PEL (United States, 5/2018).TWA: 150 ppm 8 hours.TWA: 710 mg/m³ 8 hours.ACGIH TLV (United States, 1/2021).STEL: 150 ppm 15 minutes.		None. ACGIH TLV (United States, 1/2021). TWA: 200 ppm 8 hours. STEL: 400 ppm 15 minutes. OSHA PEL 1989 (United States, 3/1989). TWA: 400 ppm 8 hours. TWA: 980 mg/m ³ 8 hours. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m ³ 15 minutes. NIOSH REL (United States, 10/2020). TWA: 400 ppm 10 hours. TWA: 980 mg/m ³ 10 hours. STEL: 500 ppm 15 minutes. STEL: 500 ppm 15 minutes. STEL: 1225 mg/m ³ 15 minutes. STEL: 1225 mg/m ³ 15 minutes. STEL: 400 ppm 15 minutes. STEL: 1225 mg/m ³ 15 minutes. STEL: 1225 mg/m ³ 15 minutes. TWA: 400 ppm 8 hours.
		STEL: 200 ppm 15 minutes. STEL: 950 mg/m ³ 15 minutes. OSHA PEL (United States, 5/2018). TWA: 150 ppm 8 hours. TWA: 710 mg/m ³ 8 hours. ACGIH TLV (United States, 1/2021). STEL: 150 ppm 15 minutes.

Section 8. Exposure controls/personal protection

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 measure	ures
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	: Silver.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not applicable.
Melting point	: Not applicable.
Boiling point	: 70 to 152.1°C (158 to 305.8°F)
Flash point	: Closed cup: -7°C (19.4°F)

Section 9. Physical and chemical properties

Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Lower: 1.1% Upper: 11.4%
Vapor pressure	: 2 kPa (15.3 mm Hg)
Vapor density	: Not available.
Density	: 1.012 g/cm ³
Solubility	: Partially soluble in the following materials: cold water.
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
ethyl acetate	LC50 Inhalation Vapor	Rat	22.6 mg/l	4 hours
	LD50 Dermal	Rabbit	20001 mg/kg	-
	LD50 Oral	Rat	5620 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	-
n-butyl acetate	LC50 Inhalation Vapor	Rat	21.1 mg/l	4 hours
	LD50 Dermal	Rabbit	>17600 mg/kg	-
	LD50 Oral	Rat	10768 mg/kg	-

Section 11. Toxicological information

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Naphtha (petroleum), hydrotreated heavy	LD50 Oral	Rat	>6 g/kg	-
Isopropyl alcohol	LC50 Inhalation Vapor	Rat - Male, Female	37.5 mg/l	4 hours
	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
heptane (mixture of isomers)	LC50 Inhalation Gas.	Rat	48000 ppm	4 hours
	LC50 Inhalation Vapor	Rat	103 g/m³	4 hours
solvent naphtha (petroleum), light arom.	LD50 Dermal	Rabbit	3492 mg/kg	-
	LD50 Oral	Rat	8400 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
heptan-2-one	Skin - Mild irritant	Rabbit	-	24 hours 14	-
Isopropyl alcohol	Eyes - Moderate irritant	Rabbit	-	mg 24 hours 100 mg	-
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Eyes - Severe irritant	Rabbit	-	100 mg	-
	Skin - Mild irritant	Rabbit	-	500 mg	-

Sensitization

Not available.

<u>Mutagenicity</u>

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
Isopropyl alcohol	-	3	-

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Section 11. Toxicological information

Name	Category	Route of exposure	Target organs
ethyl acetate	Category 3	-	Narcotic effects
heptan-2-one	Category 3	-	Narcotic effects
n-butyl acetate	Category 3	-	Narcotic effects
Naphtha (petroleum), hydrotreated heavy	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Isopropyl alcohol	Category 3	-	Narcotic effects
heptane (mixture of isomers)	Category 3	-	Narcotic effects
solvent naphtha (petroleum), light arom.	Category 3	-	Respiratory tract irritation
	Category 3		Narcotic effects
Distillates (petroleum), hydrotreated light	Category 3	-	Narcotic effects

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Name	Result
Aphtha (petroleum), hydrotreated heavy	ASPIRATION HAZARD - Category 1
heptane (mixture of isomers)	ASPIRATION HAZARD - Category 1
solvent naphtha (petroleum), light arom.	ASPIRATION HAZARD - Category 1
Distillates (petroleum), hydrotreated light	ASPIRATION HAZARD - Category 1

Information on the likely : Not available.

routes or	exposure	
Potential	acute health	effects

: Cau	ses serious eye irritation.
	cause central nervous system (CNS) depression. May cause drowsiness or ness.
: No k	nown significant effects or critical hazards.
: Can	cause central nervous system (CNS) depression.
::	: Caus : Can dizzi : No k

Symptoms related to the physical, chemical and toxicological characteristics

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.

<u>Delayed and immediate effects and also chronic effects from short and long term exposure</u> <u>Short term exposure</u>

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Section 11. Toxicological information

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Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health effe	ects
Not available.	
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Dermal	8499.56 mg/kg 104452.61 mg/kg 94.03 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.

Section 14. Transport information					
	DOT Classification	TDG Classification	Mexico Classification	IMDG	IATA
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT
Transport hazard class(es)	3	3	3	3	3
Packing group	11	11	11	11	11
Environmental hazards	No.	No.	No.	No.	No.
<u>Additional inform</u> TDG Classificat IATA	ion : Pro Goo : The tran	ods Regulations: 2.18 environmentally haza sportation regulations	-2.19 (Class 3). ardous substance ma s.	s of the Transportatio ark may appear if requ	uired by other
special precautio	upri	•	ire that persons trans	ansport in closed cor porting the product k	
Transport in bulk to IMO instrument	•				

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

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Listed
<u>SARA 304 RQ</u>	
SARA 304 RQ	: \$25219910232.2 lbs / 147649839245.4 kg [38542451591.8 gal / 145899050637.8 L]
<u>SARA 311/312</u>	
Classification	: FLAMMABLE LIQUIDS - Category 2 EYE IRRITATION - Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
<u>SARA 313</u>	

Section 15. Regulatory information

	Product name	CAS number	%
Form R - Reporting requirements	Aluminium powder (stabilized)	7429-90-5	≤10
Supplier notification	Aluminium powder (stabilized)	7429-90-5	≤10

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

Inventory list

- Canada
- United States
- : At least one component is not listed in DSL but all such components are listed in NDSL.
- : 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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<u>History</u>

Date of issue	: 8/1/2022
Version	: 5
	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 = Internediate Bulk Container 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

✓ Indicates information that has changed from previously issued version.

Section 16. Other information

Notice to reader

This product is intended for industrial use only.

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