

SAFETY DATA SHEET

Silver Conductive Paint

According to Regulation (EC) No 1907/2006, Annex II, as amended.Commission Regulation (EU) No 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	Silver Conductive Paint
Product number	SCP, ESCP03B, ESCP26G, ESCP50G, ESCP01K, ZE
1.2. Relevant identified uses of	of the substance or mixture and uses advised against
Identified uses	Paint.
Uses advised against	No specific uses advised against are identified.
1.3. Details of the supplier of	the safety data sheet
Supplier	ELECTROLUBE. A division of HK WENTWORTH LTD ASHBY PARK, COALFIELD WAY, ASHBY DE LA ZOUCH, LEICESTERSHIRE LE65 1JR UNITED KINGDOM +44 (0)1530 419600 +44 (0)1530 416640 info@hkw.co.uk
1.4. Emergency telephone nu	mber
Emergency telephone	+44 1865 407333
SECTION 2: Hazards identific	ation
2.1. Classification of the subs	
Classification (EC 1272/2008)	-
Physical hazards Health hazards	Flam. Liq. 2 - H225 STOT SE 3 - H336
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
2.2. Label elements Pictogram	
Signal word	Danger
Hazard statements	H225 Highly flammable liquid and vapour. H336 May cause drowsiness or dizziness.

Precautionary statements	 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing vapour/ spray. P273 Avoid release to the environment. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with national regulations.
Contains	1-Ethoxypropan-2-ol, Acetone, Ethyl acetate
Supplementary precautionary statements	 P240 Ground/ bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P233 Keep container tightly closed. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P312 Call a POISON CENTER/ doctor if you feel unwell. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

3.2. Mixtures		
<u></u>		
Silver		30-60%
CAS number: 7440-22-4	EC number: 231-131-3	REACH registration number: 01- 2119555669-21-XXXX
M factor (Acute) = 10	M factor (Chronic) = 10	
Classification		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
1-Ethoxypropan-2-ol		10-309
CAS number: 52125-53-8	EC number: 610-784-1	
Classification		
Flam. Liq. 3 - H226		
STOT SE 3 - H336		
Ethanol		10-309
CAS number: 64-17-5	EC number: 200-578-6	REACH registration number: 01- 2119457610-43-XXXX
Classification		
Flam. Liq. 2 - H225		

Acetone		5	5-10%
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01- 2119471330-49-XXXX	
Classification			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
Ethyl acetate			1-5%
CAS number: 141-78-6	EC number: 205-500-4	REACH registration number: 01-	
		2119475103-46-XXXX	
Classification			
Flam. Liq. 2 - H225			
Eye Irrit. 2 - H319			
STOT SE 3 - H336			
The full text for all hazard stateme	nts is displayed in Section 16.		
SECTION 4: First aid measures			

4.1. Description of first aid measures

General information	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.	
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.	
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.	
Skin contact	Rinse with water.	
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.	
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.	
4.2. Most important symptoms and effects, both acute and delayed		

General informationSee Section 11 for additional information on health hazards. The severity of the symptoms
described will vary dependent on the concentration and the length of exposure.

Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.	
Ingestion	Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.	
Skin contact	Prolonged contact may cause dryness of the skin.	
Eye contact	May cause temporary eye irritation.	
4.3. Indication of any immedia	te medical attention and special treatment needed	
Notes for the doctor	Treat symptomatically.	
SECTION 5: Firefighting meas	sures	
5.1. Extinguishing media		
Suitable extinguishing media	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.	
5.2. Special hazards arising from	om the substance or mixture	
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.	
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.	
5.3. Advice for firefighters		
Protective actions during firefighting	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.	
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.	
SECTION 6: Accidental release measures		
6.1. Personal precautions, pro	tective equipment and emergency procedures	
Personal precautions	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Evacuate area. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition page spillage.	

protection if ventilation is inadequate.

sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated. Avoid inhalation of vapours and spray/mists. Use suitable respiratory

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Approach the spillage from upwind. Small
	Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Large Spillages: If leakage cannot be stopped, evacuate area. Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated absorbent may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. In use may form flammable/explosive vapour-air mixture. Vapours may accumulate on the floor and in low-lying areas. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse
Advice on general occupational hygiene	empty containers. Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.
7.2. Conditions for safe storage	je, including any incompatibilities
Storage precautions	Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Eliminate all sources of ignition. Take precautionary measures against static discharges. Earth container and transfer equipment to eliminate sparks from static electricity.

Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

Keep away from oxidising materials, heat and flames. Keep only in the original container.

Storage class

Flammable liquid storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Silver

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Acetone

Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³ Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

Ethyl acetate

Long-term exposure limit (8-hour TWA): WEL 200 ppm Short-term exposure limit (15-minute): WEL 400 ppm WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment





Appropriate engineering controls	Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilating equipment.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN1436. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.
Environmental exposure controls	Keep container tightly sealed when not in use. 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.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Silver.
Odour	Solvent.
рН	Not available.
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	12°C/53.6°F
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	> 1.1 - 1.75 hPa @ 50°C/122°F
Vapour density	Not available.
Relative density	1.44 @ 20°C/68°F
Solubility(ies)	Not available.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	70 mPa s @ 25°C/77°F
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.
9.2. Other information	

Silver Conductive Paint

SECTION 10: Stability and reactivity		
10.1. Reactivity		
Reactivity	See the other subsections of this section for further details.	
10.2. Chemical stability		
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	The following materials may react strongly with the product: Oxidising agents.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented. Do not pressurise, cut, weld, drill, grind or otherwise expose containers to heat or sources of ignition.	
10.5. Incompatible materials		
Materials to avoid	Oxidising materials. Acids - oxidising.	
10.6. Hazardous decomposition products		
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.	
SECTION 11: Toxicological inf	formation	
11.1. Information on toxicologi	cal effects	
Acute toxicity - oral Notes (oral LD∞)	Based on available data the classification criteria are not met.	
Acute toxicity - dermal Notes (dermal LD ₅₀)	Based on available data the classification criteria are not met.	
Acute toxicity - inhalation Notes (inhalation LC_{50})	Based on available data the classification criteria are not met.	
Skin corrosion/irritation Animal data	Based on available data the classification criteria are not met.	
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.	
Respiratory sensitisation Respiratory sensitisation	Based on available data the classification criteria are not met.	
Skin sensitisation Skin sensitisation	Based on available data the classification criteria are not met.	
Germ cell mutagenicity Genotoxicity - in vitro	Based on available data the classification criteria are not met.	
Carcinogenicity Carcinogenicity	Based on available data the classification criteria are not met.	

IARC carcinogenicity	Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to humans.	
Reproductive toxicity		
Reproductive toxicity - fertility	Based on available data the classification criteria are not met.	
Reproductive toxicity - development	Based on available data the classification criteria are not met.	
Specific target organ toxicity -	single exposure	
STOT - single exposure	STOT SE 3 - H336 May cause drowsiness or dizziness.	
Target organs	Central nervous system	
Specific target organ toxicity -	repeated exposure	
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.	
Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.	
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.	
Ingestion	Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.	
Skin contact	Prolonged contact may cause dryness of the skin.	
Eye contact	May cause temporary eye irritation.	
Route of entry	Ingestion Inhalation Skin and/or eye contact	
Target organs	Central nervous system	
	Ethanol	
Toxicological effe	Not regarded as a health hazard under current legislation.	
Acute toxicity - or	<u>ral</u>	
Notes (oral LD₅₀)	LD₅₀ 10470 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.	
Acute toxicity - in	halation	
Notes (inhalation	LC₅o) LD₅o 124.7 mg/l, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.	
Skin corrosion/irr	itation	
Animal data	Dose: 0.2 mL, 24 hours, Rabbit Primary dermal irritation index: 0 REACH dossier information. Based on available data the classification criteria are not met.	
Skin sensitisatior		
Skin sensitisation	Local Lymph Node Assay (LLNA) - Mouse: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.	
Germ cell mutage	enicity	

Genotoxicity - in vitro	Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.
Carcinogenicity	
IARC carcinogenicity	IARC Group 1 Carcinogenic to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	Two-generation study - NOAEL 15% , Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.
Reproductive toxicity - development	Maternal toxicity: - NOAEL: 16000 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.
Specific target organ toxici	tv - repeated exposure

Specific target organ toxicity - repeated exposure

STOT - repeated exposure LOAEL ~4000 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

Acetone

Acute toxicity - oral	
Acute toxicity oral (LD₅₀ mg/kg)	5,800.0
Species	Rat
ATE oral (mg/kg)	5,800.0
Acute toxicity - inhalation	
Acute toxicity inhalation (LC _∞ vapours mg/l)	76.0
Species	Rat
ATE inhalation (vapours mg/l)	76.0

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity

Aquatic Acute 1 - H400 Very toxic to aquatic life. Aquatic Chronic 1 - H410 Very toxic to aquatic life with long lasting effects.

Silver

Acute aquatic toxicity

LE(C)50	0.01 < L(E)C50 ≤ 0.1
M factor (Acute)	10
Chronic aquatic toxicity	
M factor (Chronic)	10

Ethanol

	Toxicity	Based on available data the classification criteria are not met.
	Acute toxicity - fish	LC50, 96 hours: 14200 mg/l, Pimephales promelas (Fat-head Minnow)
	Acute toxicity - aqua invertebrates	ic LC₅₀, 48 hours: 5012 mg/l, Ceriodaphnia dubia
	Acute toxicity - aqua plants	EC₅₀, 72 hours: 11.5 mg/l, Chlorella vulgaris
	Chronic toxicity - aqu invertebrates	natic NOEC, 9 days: 9.6 mg/l, Daphnia magna
		Ethyl acetate
	Acute toxicity - fish	LC∞, 48 hours: 270 mg/l, Algae
	Acute toxicity - aqua invertebrates	ic EC ₈₀ , 48 hours: 164 mg/l, Daphnia magna
	Acute toxicity - aqua plants	ic EC₀, 96 hours: 2000 mg/l, Fish
12.2. Persis	stence and degradabili	<u>v</u>
Persistence	e and degradability Th	e degradability of the product is not known.
		Ethanol
	Persistence and degradability	The substance is readily biodegradable.
	Biodegradation	Water - Degradation 74%: 10 days
	Chemical oxygen de	mand 1.99 g O₂/g substance
		Ethyl acetate
	Persistence and degradability	The product is readily biodegradable.
12.3. Bioac		The product is readily biodegradable.
	degradability cumulative potential	The product is readily biodegradable.
	degradability cumulative potential lative potential No	
Bioaccumu	degradability cumulative potential lative potential No	o data available on bioaccumulation.
Bioaccumu	degradability cumulative potential lative potential No	o data available on bioaccumulation. ot available. <u>Ethanol</u>
Bioaccumu	degradability cumulative potential lative potential No efficient No	o data available on bioaccumulation. ot available. <u>Ethanol</u>

Ethyl acetate

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

No data available.

Ethanol

Mahility	The product is caluble in water
Mobility	The product is soluble in water.

Surface tension 24.5 mN/m @ 20°C/68°F

12.5. Results of PBT and vPvB assessment

Ethanol

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria. assessment

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal methods	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible. Vapour from residual product may create a highly flammable or explosive atmosphere inside the container. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Do not cut or weld used containers unless they have been thoroughly cleaned internally.

SECTION 14: Transport information

General	For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.
14.1. UN number	
UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263
14.2. UN proper shipping name	
Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT (CONTAINS Silver)
Proper shipping name (ICAO)	PAINT

Proper shipping name (ADN) PAINT

14.3. Transport hazard class(es)	
ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group	
ADR/RID packing group	II
IMDG packing group	II
ADN packing group	П
ICAO packing group	П

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

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.

EmS	F-E, S-E
ADR transport category	2
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	 ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC₅₀: Lethal Concentration to 50 % of a test population. LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose). EC₅₀: 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Classification abbreviations and acronyms	Flam. Liq. = Flammable liquid STOT SE = Specific target organ toxicity-single exposure Aquatic Acute = Hazardous to the aquatic environment (acute) Aquatic Chronic = Hazardous to the aquatic environment (chronic)
Classification procedures	STOT SE 3 - H336: : Calculation method. Aquatic Acute 1 - H400: Aquatic Chronic 1 - H410: :
according to Regulation (EC) 1272/2008	Calculation method. Flam. Liq. 2 - H225: : Expert judgement.
••••	
1272/2008	Calculation method. Flam. Liq. 2 - H225: : Expert judgement. Read and follow manufacturer's recommendations. Only trained personnel should use this
1272/2008 Training advice	Calculation method. Flam. Liq. 2 - H225: : Expert judgement. Read and follow manufacturer's recommendations. Only trained personnel should use this material.
1272/2008 Training advice Issued by	Calculation method. Flam. Liq. 2 - H225: : Expert judgement. Read and follow manufacturer's recommendations. Only trained personnel should use this material. Bethan Massey

Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour.
	H319 Causes serious eye irritation.
	H336 May cause drowsiness or dizziness.
	H400 Very toxic to aquatic life.
	H410 Very toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.