

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Page 1/6

Aluminium Reflective Paint

Revision 12 Revision date 2023-03-08

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name
Other means of identification /
UEL

Aluminium Reflective Paint
UFI: QU7W-563F-6NKA-PNSA.

1.2. Relevant identified uses of the substance or mixture and uses advised against

or onto a matrix;

Product Use	[SU22] Professional uses: Public domain (administration, education, entertainment, services,
	craftsmen); [SU19] Building and construction work; [PC9a] Coatings and paints, thinners, paint
	removers; [PROC10] Roller application or brushing; [ERC5] Industrial use resulting in inclusion into

of the cofety data about

1.3. Details of the supplier of the safety data sheet

Company Larsen Building Products Ltd

Address 4 West Bank Road

Belfast Harbour Industrial Estate

Belfast BT3 9JL United Kingdom

www.larsenbuildingproducts.com

Telephone +44 (0)28 9077 4000 Fax +44 (0)28 9077 6945

Email I.pyper@larsenbuildingproducts.com

1.4. Emergency telephone number

Emergency telephone number

(00353) 01 809 2166

Company

Web

National Poisons Centre of Ireland 8am-10pm 7 days a week

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC
1272/2008

: EUH066; Flam. Liq. 3: H226; STOT SE 3: H336; STOT RE 1: H372; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms









Signal Word

Hazard Statement

Danger

EUH066 - Repeated exposure may cause skin dryness or cracking.

Flam. Liq. 3: H226 - Flammable liquid and vapour.

STOT SE 3: H336 - May cause drowsiness or dizziness.

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .

Revision 12 Revision date 2023-03-08

2.2. Label elements

	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.
Precautionary Statement:	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
Prevention	smoking.
	P233 - Keep container tightly closed.
	P240 - Ground/bond container and receiving equipment.
	P241 - Use explosion-proof electrical/ventilating/lighting// equipment.
	P242 - Use only non-sparking tools.
	P243 - Take precautionary measures against static discharge.
	P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
	P264 - Wash thoroughly after handling.
	P270 - Do no eat, drink or smoke when using this product.
	P271 - Use only outdoors or in a well-ventilated area.
	P273 - Avoid release to the environment.
	P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement:	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse
Response	skin with water/shower.
	P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P312 - Call a POISON CENTER/doctor/ /if you feel unwell.
	P314 - Get medical advice/attention if you feel unwell.
	P370+P378 - In case of fire: Use to extinguish.
	P391 - Collect spillage.
Precautionary Statement:	P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
	P405 - Store locked up.
Precautionary Statement:	P501 - Dispose of contents/container to licensed waste disposal site
Disposal	

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Hydrocarbons, C9-12, n-alkanes,			919-446-0			: EUH066; Flam. Liq. 3:
isoalkanes, cyclics, aromatics						H226; Asp. Tox. 1: H304;
(2-25%)						STOT SE 3: H336; STOT RE
						1: H372; Aquatic Chronic 2:
						H411;
Glass, oxides, chemicals		65997-17-3	266-046-0			
aluminium powder (stabilised)	013-002-00-1	7429-90-5	231-072-3			Water-react. 2: H261; Flam.
(Aluminium metal)						Sol. 1: H228;
Hydrocarbons, C9-C11, n-alkanes,			919-857-5			Flam. Liq. 3: H226; Asp. Tox.
isoalkanes, cyclics, <2% aromatics						1: H304; STOT SE 3: H336;

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

Revision 12 Revision date 2023-03-08

		Revision date 2023-03-0
SECTION 5: Firefighting mea	asures	
5.1. Extinguishing media		
	Use as appropriate: Carbon dioxide (CO2)), Dry chemical, Foam.
5.2. Special hazards arising fron	n the substance or mixture	
	. Burning produces irritating, toxic and obn	noxious fumes.
5.3. Advice for firefighters	•	
	Wear suitable respiratory equipment when	n necessary.
SECTION 6: Accidental relea	ase measures	
6.1. Personal precautions, prote	ctive equipment and emergency procedures	3
	Ensure adequate ventilation of the working protective equipment.	g area. Eliminate all sources of ignition. Wear suitable
6.2. Environmental precautions		
	Do not allow product to enter drains. Preve	ent further spillage if safe.
6.3. Methods and material for co	ontainment and cleaning up	
	Absorb with inert, absorbent material. Transpillage area thoroughly with plenty of wat	nsfer to suitable, labelled containers for disposal. Clean ter.
SECTION 7: Handling and s	torage	
7.1. Precautions for safe handlir	ng	
		adequate ventilation of the working area. Use explosion s of ignition - No smoking. Adopt best Manual Handling and dispensing.
7.2. Conditions for safe storage,	including any incompatibilities	
	Keep in a cool, dry, well ventilated area. K	Geep containers tightly closed.
SECTION 8: Exposure contr	ols/personal protection	
8.1. Control parameters	· · · · · · · · · · · · · · · · · · ·	
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8.1.1. Exposure Limit Values		
aluminium powder (stabilised)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: -
(Aluminium metal)		·
	WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total 10	WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total -
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m3 total 4 respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:
2.0. Ermanum aantusla		
8.2. Exposure controls		
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working	g area.
8.2.2. Individual protection measures	Wear chemical protective clothing.	
Eye / face protection	Approved safety goggles.	
Skin protection -	Chemical resistant gloves (PVC).	
Handprotection Respiratory protection	Self-contained breathing apparatus. Wear	

Revision 12 Revision date 2023-03-08

9.1. Information on basic physical and chemical properties

Appearance Viscous liquid.

Colour Silver

Odour Characteristic

Melting point Not determined

Freezing Point Not determined

Initial boiling point ≥ 153 °C

Flash point > 40 °C

Upper Explosive Limit Not determined

Lower Explosive Limit Not determined

Vapour pressure Not determined

Relative Vapour Density

ent Not determined

Partition coefficient (n-octanol/water)

≥ 200 °C

Autoignition temperature

Decomposition temperature

Not determined

Not determined

Viscosity

≥ 367 x 10-6 m²/s @ 40 °C (ISO 3104/3105)

Solubility Insoluble in water

9.2. Other information

Specific gravity

1.08 - 1.12 g/cm³

VOC (Volatile organic compounds)

450 g/l

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Oxidising agents.

10.4. Conditions to avoid

Heat, sparks and open flames.

SECTION 11: Toxicological information

11.1 Information on hazard classes

Acute toxicity

Not classified (Based on available data, the classification criteria are not met).

Skin corrosion/irritation EUH066 - Repeated exposure may cause skin dryness or cracking.

Not classified (Based on available data, the classification criteria are not met).

Not classified (Based on available data, the classification criteria are not met).

Respiratory or skin sensitisation

Germ cell mutagenicity

Not classified (Based on available data, the classification criteria are not met).

Carcinogenicity

Serious eye damage/irritation

Not classified (Based on available data, the classification criteria are not met). Not classified (Based on available data, the classification criteria are not met).

Reproductive toxicity STOT-single exposure

STOT SE 3: H336 - May cause drowsiness or dizziness.

STOT-repeated exposure

STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure

Aspiration hazard

Aspiration hazard H304 has been eliminated due the kinematic viscosity of the product being above 20.5mm2/s @ 40oC.

Repeated or prolonged exposure

12.1. Toxicity

Repeated or prolonged exposure may cause damage to liver, kidneys and central nervous system. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure.

SECTION 12: Ecological information

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Revision 12 Revision date 2023-03-08

12.1. ⁻	Foxicity
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No data available

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1999

14.2. UN proper shipping name

TARS, LIQUID

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	Ш

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-E
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IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction	355
(Passenger)	
Maximum quantity	60 L

SECTION 15: Regulatory information

SECTION 16: Other information

Revision 12 Revision date 2023-03-08

Other information

Revision	This document differs from the previous version in the following areas:.	
LANSION	l	
	14 - ADR/RID.	
	14 - IMDG.	
	14 - IATA.	
Text of Hazard Statements in	EUH066 - Repeated exposure may cause skin dryness or cracking.	
Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour.	
	Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.	
	STOT SE 3: H336 - May cause drowsiness or dizziness.	
	STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .	
	Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.	
	Flam. Sol. 1: H228 - Flammable solid.	
	Water-react. 2: H261 - In contact with water releases flammable gases.	
Maximum content of VOC	450 g/l.	
Further information		
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use,	
	storage and handling of the product. This information is correct to the best of our knowledge and	
	belief at the date of publication however no guarantee is made to its accuracy. 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 other process.	
	Combination with any other materials of in any other process.	

