

PRODUCT NAME

AlphaLite UV Long Liner

S&F CODE**ISSUE DATE**

28/09/2020

ISSUE NUMBER

1

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product Name	AlphaLite UV Long Liner Resin
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	Methacrylate based, UV-curable one-component resin. The purpose of the resin is the trenchless repair of sewer pipe systems. Its application requires trained personnel and controlled, professional industrial conditions.
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1.3. Details of the supplier of the safety data sheet

Company Address	Scott & Fyfe Ltd, Tayport Works, Links Road, Tayport, Fife, Scotland, DD6 9EE
Web	www.scott-fyfe.com
Telephone	+44 (0) 1382 554 000
Fax	n/a
Email	info@scott-fyfe.com
Email Address of the competent person	sales@scott-fyfe.com

1.4. Emergency telephone number

Emergency telephone number	+44 (0) 1382 554 000
Opening hours	08.30am – 5.00pm - Monday-Thursday 08.30am – 12pm - Friday


SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)	<p>Skin Irrit,2 : H315 – Causes skin irritation Skin Sens 1: H317 – May cause an allergic skin reaction Eye Irrit 2: H319 – Causes serious eye irritation Aquatic Chronic : H413 – May cause long lasting harmful effects to aquatic life.</p>
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2.2. Label elements

Labelling according to regulation (EC) No 1272/2008 (CLP)

Hazard pictograms	
Signal Word	<p>Warning</p>
Hazard Statement	<p>Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H413 - May cause long-lasting harmful effects to aquatic life</p>
Precautionary Statement: Prevention	<p>P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
Precautionary Statement: Response	<p>P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. advice/attention.</p>

Hazard determining components for labelling	Hydroxypropyl methacrylate (CAS: 27813-02-1), Isobornyl methacrylate (CAS: 7534-94-3)
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2.3. Other hazards

Other hazards	The mixture is not PBT
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical Name	EC-Nr.	CAS-Nr.	REACH Reg. Nr.	Content (%)	Classification according to Regulation (EC) No 1272/2008 (CLP)	HP Phase
Hydroxypropyl methacrylate	248-666-3	27813-02-1	01-2119490226-37	<40	Skin Irrit. 2, Eye Irrit. 2	H315 H319
Isobornyl methacrylate	231-403-1	7534-94-3	01-2119886505-27	<30	Skin Irrit. 2 Eye Irrit. 2 STOT SE 3 Aquat. Chronic 3	H315 H319 H335 H412
Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	423-340-5	162881-26-7	02-2119864702-35	<5	Skin Sens. 1 Aquat. Chronic 4	H317 H413

SECTION 4: First aid measures

General Advice:

Soiled, fairly soaked clothing and shoes must be removed.

4.1. Description of first aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Provide artificial respiration, if not breathing. Get medical attention immediately.
Eye Contact	Immediately rinse with plenty of water for at least 10 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Go to an eye doctor immediately.

Skin Contact	Provide artificial respiration, if not breathing. Get medical attention immediately. Skin contact: Remove contaminated clothing. Wash with water and polyethylene glycol alternately, if available or with plenty of warm water and soap. Consult a doctor in the event of a skin reaction. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	Do not induce vomiting. Call a poisoning center/doctor. Never give anything by mouth to an unconscious person. If the exposed person is conscious, wash out mouth

4.2. Most important symptoms and effects, both acute and delayed

No Data Available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguishing media	Suitable extinguishing media: Dry chemicals, foam, water fog, carbon dioxid. Unsuitable extinguishing media: High volume water jet.
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5.2. Special hazards arising from the substance or mixture

Special hazards	No data available
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5.3. Advice for firefighters

Special protective equipment:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Safety boots, gloves, safety helmet and protective clothing should be worn
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Further Information	In the event of fire and/or explosion do not breathe fumes. Fire in vicinity poses risk of pressure buildup and rupture. Containers at risk from fire should be cooled with water and, if possible, removed from the danger area. Eliminate all ignition sources, if safe to do so.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	<p>Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation after making sure that there is no risk of ignition. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.</p> <p>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 spilt material. Do not breathe vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.</p> <p>For emergency responders: If specialised 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".</p>
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6.2. Environmental precautions

	<p>Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers (both sewage pipes and rainwater runoff).</p>
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6.3. Methods and material for containment and cleaning up

	<p>Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, bentonite, diatomaceous earth) in a container that can be closed and sealed. Do not use flammable absorbent, e.g. sawdust. In case of large amount of spillage, contain a spill by binding. Adhered or collected material should be promptly disposed, in accordance with appropriate laws and regulations.</p>
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	<p>Handling should be performed in a well-ventilated place. Wear suitable personal protective equipment. Prevent generation of vapour or mist. Provide local exhaust</p>
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	ventilation, if needed. Wash hands and face thoroughly after handling. Avoid contact with skin, eyes, and clothing.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store away from incompatible materials such as oxidizing agents.
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7.3. Specific end use(s)

	Conform to Section 1 concerning the relevant identified uses of the mixture.
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SECTION 8: Exposure controls/personal protection




8.1. Control parameters

	No Data Available
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8.2. Exposure controls

Phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide: DNEL

Workers	long-term and short-term exposure – systemic effects, inhalation: 21 mg/m ³
Workers	long-term and short-term exposure – systemic effects, dermal: 3,3 mg/kg
Consumers	long-term exposure – systemic effects , inhalation: 5,2 mg/m ³
Consumers	long-term exposure – systemic effects, dermal: 1,5 mg/kg
Consumers:	long-term exposure – systemic effects, oral: 1,5 mg/kg

	  
	Install a closed system or local exhauster as possible so that workers should not be exposed directly. Also install safety shower and eye rinsing facilities.
8.2.1. Respiratory protection	Vapour respirator. Follow local and national regulations
8.2.2. Hand protection	Protective gloves (EN 374)
Eye protection:	Safety glasses with side protection (e.g. EN 166). A face-shield, if the situation requires
Skin protection - Handprotection	Skin and body protection
Skin protection - Other	Protective clothing. Protective boots, if the situation requires (e.g. EN ISO 20346).

8.3 General safety and hygiene measures

Do not breathe vapours/spray. Keep away from drink, food and animal feeding stuffs. No eating, drinking, smoking or tobacco use at the place of work. Soiled, fairly soaked clothing and shoes must be removed. Hands and face should be washed before breaks and at the end of shift. At the end of the shift the skin should be cleaned and skin-care agents applied.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid, tacky material
Colour	yellowish
Odour	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	> 100°C
Evaporation rate	No data available
Flammability (solid, gas)	Not applicable
Upper Explosive Limit	No data available
Lower Explosive Limit	No data available
Vapour pressure	No data available
Vapour density	No data available

Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	1050 ± 150 mPas (at 25°C)
Explosive properties	No data available
Oxidising properties	No data available
Density	1,1 ± 0,1 g/cm ³ (at 23°C)

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data available
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10.2. Chemical stability

	No data available
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10.3. Possibility of hazardous reactions

	No data available
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10.4. Conditions to avoid

	No data available
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10.5. Incompatible materials

	No data available
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10.6. Hazardous decomposition products

	No data available
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

No data available

11.1.1. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

	Not readily biodegradable.
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12.3. Bioaccumulative potential

	No data available
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12.4. Partition coefficient

	No data available
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12.5. Mobility in soil

	No data available
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12.6. Other adverse effects

	No data available
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	As far as possible materials should be recycled and/or utilised. Consult local authorities and waste management experts. For energetic conversion, a special waste incineration facility with a high temperature zone, duration of dwell control, afterburner, waste heat utilizer (economizer), DeNO _x ,
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	scrubber/adsorber and fine dust removal is needed.
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Disposal Consideration

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SECTION 14: Transport information

Hazard pictograms



14.1. UN number

	Not classified as dangerous goods
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14.2. UN proper shipping name

	Not classified as dangerous goods
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14.3. Transport hazard class(es)

ADR/RID	Not classified as dangerous goods
Subsidiary risk	Not classified as dangerous goods
IMDG	Not classified as dangerous goods
Subsidiary risk	Not classified as dangerous goods
IATA	Not classified as dangerous goods
Subsidiary risk	Not classified as dangerous goods

14.4. Packing group

Packing group	Not classified as dangerous goods
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14.5. Environmental hazards

Environmental hazards	Not classified as marine pollutant
Marine pollutant	Not classified as marine pollutant

14.6. Special precautions for user

	EmS number: Not classified as dangerous goods
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	Not relevant
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ADR/RID

Hazard ID	Not Relevant
Tunnel Category	Not Relevant

ADR/RID

EmS Code	Not Relevant
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ATA

Packing Instruction (Cargo)	Not Relevant
Maximum quantity	Not Relevant
Packing Instruction (Passenger)	Not Relevant
Maximum quantity	Not Relevant

SECTION 15: Regulatory information

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

Regulations	UNECE GHS Document ST/SG/AC 10/30/Rev4 (Geneva, 2011), ISBN 978-92-1-117042-9 Regulation (EC) No. 1907/2006; Regulation (EC) No. 2015/830 U.S. Federal Hazardous
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Materials Transportation Act (49 U.S.C. 5101–5128) and D.O.T. regulations at 49 C.F.R. 100–185.

15.2. Chemical safety assessment

Chemical Safety Assessment has not been carried out for the product.

SECTION 16: Other information

The information given corresponds with our actual knowledge and experience. This information is meant to describe our product in view of possible safety requirements.

Other information

Storage

The resin should be stored indoors in the original, unopened and undamaged packaging, in a dry place at temperatures between 5°C and 30°C. Properties might slightly change during storage. Store in dark and in 100% light tight containers only. Avoid contact of the resin with day light during handling operations as day light may lead to immediate curing reactions. Keep container tightly closed. Store in a cool, dark and well-ventilated place. Store away from incompatible materials such as oxidizing agents.

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.