

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

External Line Marker Silk Resin

Revision 0
Revision date 2015-06-02

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

1.1. Product identifier

Product name	External Line Marker Silk Resin
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Restricted to professional users. Component Of A Two Pack Polyurethane Floor Line Marker.
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1.3. Details of the supplier of the safety data sheet

Company	Virtus Resins
Address	The Shippon, Faenol Pentrecelyn Ruthin LL15 2SP
Web	www.epoxyresinsuppliers.co.uk
Telephone	+44 (0)1978 790 744
Fax	
Email	info@epoxyresinsuppliers.co.uk
Email address of the competent person	info@ epoxyresinsuppliers.co.uk

1.4. Emergency telephone number

Emergency telephone number	+44 (0)1978 790744 8.30am to 5.00pm Mon - Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.Classification (%w/w)	M-factor.
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7		1 - 10% R10 Xn; R20/21 Xi; R38	
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9		10 - 20% R10	

External Line Marker Silk Resin

Revision 0

Revision date 2015-06-02

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc.Classification (%w/w)	M-factor.
Xylene (Xylene, o-,m-,p-or mixed isomers)	601-022-00-9	1330-20-7	215-535-7		1 - 10% Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Take off all contaminated clothing immediately.
Eye contact	Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Contact an ophthalmologist.
Skin contact	In case of skin contact wash affected areas thoroughly with soap and plenty of water. Consult a doctor in the event of a skin reaction.
Ingestion	DO NOT induce the patient to vomit, medical advice is required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂), Foam, extinguishing powder, in case of larger fires, water spray should be used.
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5.2. Special hazards arising from the substance or mixture

	Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate vapours and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.
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5.3. Advice for firefighters

	Firemen must wear self-contained breathing apparatus. Do not allow contaminated extinguishing water to enter the soil, ground-water of surface waters.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Put on protective equipment (see chapter 8). Remove sources of fire, ensure adequate ventilation/exhaust ventilation. Keep unauthorised persons away.
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6.2. Environmental precautions

	Do not allow to escape into waterways, waste water or soil.
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6.3. Methods and material for containment and cleaning up

	Take up with absorbent for chemicals or, if necessary with dry sand and store in closed containers.
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6.4. Reference to other sections

	Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Provide sufficient air exchange and/or exhaust in work rooms. Exhaust ventilation necessary if product is sprayed. In all areas where isocyanate aerosols and/or vapour concentrations are produced in elevated concentrations, exhaust ventilation must be provided in such a way that the workplace exposure limits is not exceeded. The air should be drawn from the personnel handling the product. Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work and use skin-protecting ointment. Keep working clothes separately. Take off all contaminated
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External Line Marker Silk Resin

Revision 0

Revision date 2015-06-02

7.1. Precautions for safe handling

clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

keep container dry and tightly closed in a cool and well ventilated place. Further information on the storage conditions which must be observed to preserve quality can be found in our product information sheet.

7.3. 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

8.1.1. Exposure Limit Values

2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 274
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 548
	WEL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:
Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 220
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 441
	WEL 8-hr limit mg/m ³ total - inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Various
Odour	smell of solvent
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Odour threshold	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	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Solubility	No data available

9.2. Other information

External Line Marker Silk Resin

Revision 0

Revision date 2015-06-02

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

No data is available on this product.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

No data is available on this product.

10.6. Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	No data is available on this product.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

Partition coefficient

External Line Marker Silk Resin No data available 2-methoxy-1-methylethyl acetate No data available

12.4. Mobility in soil

No data is available on this product.

External Line Marker Silk Resin

Revision 0

Revision date 2015-06-02

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. Containers must be recycled in compliance with national legislation and environmental regulations.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1866

14.2. UN proper shipping name

RESIN SOLUTION

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 III

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

IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L

External Line Marker Silk Resin

Revision 0

Revision date 2015-06-02

IATA	
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

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

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

"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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

SECTION 16: Other information

Other information

Text of risk phrases in Section 3	R10 - Flammable R20/21 - Harmful by inhalation and in contact with skin. R38 - Irritating to skin.
Text of Hazard Statements in Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 4: H332 - Harmful if inhaled.

General information

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.

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.