

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

BITHANE low-density resin polyol.

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

Polyol component for two-part polyurethane low-density resin.

1.3. Details of the supplier of the safety data sheet**Company information**Prysmian Cables and Systems Ltd
Oak Road, Wrexham Industrial Estate,
Wrexham LL13 9PHPrysmian Cavi e Sistemi Italia S.r.l.
Via Chiese 6
20126 – Milano
Italy**Telephone**

+44 (0) 1978 66 2375

Emailsa.clpsd01gb@prysmiangroup.com**1.4. Emergency telephone number****Emergency telephone number**

+44 (0)1978 66 2216

Poison Centre Information

Country	Organisation	Address	Contact No.
United Kingdom	National Poisons Information Service (Birmingham)	National Poisons Information Service, City Hospital, Dudley Road, B18 7QH, England	0344 892 0111*
Republic of Ireland	Poisons Information Centre of Ireland	National Poisons Information Centre, Beaumont Hospital, Beaumont Road, Dublin 9, Ireland	01 809 2166 01 837 9964*
France	French National Products and Composition Database (B.N.P.C.); French Poison and Toxicovigilance Centre Network	Centre Antipoison de Nancy, CHRU de Nancy, Hôpital Central, 29 av. de Lattre de Tassigny, 54000 NANCY, France	+33 3 83 85 21 92
Germany	BfR Bundesinstitut für Risikobewertung	Max-Dohrn-Str. 8-10, 10589 Berlin	+49 30 18412 0
Italy	Istituto Superiore di Sanità (ISS)	Viale Regina Elena 299, Rome, Italy	
Spain	Instituto Nacional de Toxicología y Ciencias Forenses (INTCF)	Calle José Echegaray 4, 28032 Las Rozas de Madrid, Madrid, Spain	+34 917689800

* For use by healthcare professionals only.

Section 2 Hazards identification

This product is a mixture.

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Not classified as hazardous.

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Labelling not required.

2.3. Other hazards

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB. The mixture does not contain substances identified as having endocrine disrupting properties.

Section 3 Composition / information on ingredients

This product is a mixture.

Chemical Name	CAS Number	EC Number	REACH Registration Number	Hazard Class/ Category /Statement	Concentration (w/w%)
Castor oil	8001-79-4	232-293-8			40 - 45
Calcium carbonate	1317-65-3	215-27-96	01-2119486795-18-XXXX		45 - 50
Cenospheres	93924-19-7	300-212-6	01-2119563688-21-XXXX		5 - 10

Section 4 First aid measures**4.1. Description of first aid measures**

General information: Remove contaminated clothing and wash before re-use.

Eye Contact: Flush eyes with plenty of water for 15 minutes keeping eyelids open.

Inhalation: No measures necessary.

Ingestion: Rinse the mouth with water and consult a doctor showing this data sheet. Do not induce vomiting.

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

No specific effects and/or symptoms have been reported or are known.

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

No data available.

Section 5 Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media: Dry powder, carbon dioxide, aqueous foam or water spray.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products: Carbon dioxide, Carbon monoxide.

5.3. Advice for firefighters

Wear self-contained breathing apparatus.

Section 6 Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

Wear personal protective equipment as described in Section 8.

6.1.2. For emergency responders

Wear personal protective equipment as described in Section 8.

6.2. Environmental precautions

Prevent leakage or spillage. Prevent product from entering drains / surface water/groundwater.

6.3. Methods and material for containment and cleaning up

Absorb with binding material such as sand, sawdust or diatomaceous earth. Transfer to a container suitable for disposal.

6.4. Reference to other sections

See Section 13 for disposal information.

Section 7 Handling and storage**7.1. Precautions for safe handling**

No special measures required. Observe the usual precautionary measures for chemicals.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool dry location. Avoid prolonged exposure to sunlight. Storage temperature 5°C to 40°C.

7.3. Specific end use(s)

See Section 1.2

Section 8 Exposure controls / personal protection**8.1. Control parameters**

Calcium carbonate:

	8 Hour TWA	15 Min STEL
Respirable Dust	4 mg/m ³	-
Total Inhalable	10 mg/m ³	-

8.2. Exposure controls**8.2.1. Appropriate engineering controls**

Observe normal safety and hygiene standards. Wash hands after use.

8.2.2. Individual protection measures

Eye protection:	Avoid contact with eyes. Use eye protection designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.
Skin protection:	Wear suitable protective gloves to protect against liquid splashes. Nitrile rubber and PVC gloves are suitable. Standard industrial work wear.
Respiratory protection:	None required under normal use.

8.2.3. Environmental exposure controls

Prevent product from entering drains / surface water/groundwater.

Section 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Grey/brown
Odour:	Characteristic castor oil odour
Odour threshold:	No data available
Melting point:	Not applicable (liquid)
Freezing point:	No data available
Boiling point:	>300°C
Flammability:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flash point:	>200°C (closed cup)
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	Not applicable
Viscosity, kinematic:	Approx. 0.1 Pa·s at 20°C
Solubility:	Insoluble in water. Miscible with aromatic hydrocarbons, acetone
Partition coefficient n-octanol/water: (Log K _{ow}):	No data available
Vapour pressure:	4.8 Pa @ 25°C
Vapour pressure at 50°C	No data available
Density:	0.97 g/cm ³ at 20 °C
Relative density:	No data available
Relative vapour density at 20°C	No data available
Particle characteristics	Does not contain nanomaterials

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available.

9.2.2. Other safety characteristics

No additional information available.

Section 10 Stability and reactivity

10.1. Reactivity

Not reactive to commonly used materials.

10.2. Chemical stability

Stable under normal ambient conditions.

10.3. Possibility of hazardous reactions

Will react exothermically with isocyanates.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Carbon monoxide, Carbon dioxide.

Section 11 Toxicological information**11.1. Information on toxicological effects**

Acute Toxicity:	Data not available
Skin corrosion/irritation:	Data not available
Serious eye damage/irritation:	Data not available
Sensitisation data:	Data not available
Germ cell mutagenicity	Data not available
Carcinogenicity	Data not available
Reproductive toxicity	Data not available
STOT-single exposure	Data not available
STOT-repeated exposure	Data not available
Aspiration hazard	Data not available

11.2. Information on other hazards

The mixture does not contain substances identified as having endocrine disrupting properties.

Section 12 Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and degradability

Not biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

The mixture does not contain substances identified as having endocrine disrupting properties.

12.7. Other adverse effects

No data available

Section 13 Disposal considerations**13.1. Waste treatment methods**

Product: Do not allow to enter sewers, drains or water courses. Waste may be disposed of by controlled incineration by a licensed operator.

Packaging: Give to a certified disposal contractor. When mixed with the isocyanate component, the fully cured resin is chemically inert. Packaging may be disposed of by approved landfill or controlled incineration by a licensed operator.

Section 14 Transport information**14.1. UN number or ID number**

Not regulated under transport regulation.

14.2. UN proper shipping name

Not regulated under transport regulation.

14.3. Transport hazard class

Not regulated under transport regulation.

14.4. Packing group

Not regulated under transport regulation.

14.5. Environmental hazards

Not regulated under transport regulation.

14.6. Special precautions for user

None identified.

14.7. Transport in bulk according to IMO instruments

No data available.

Section 15 Regulatory information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended.

Labelling elements as classified under Regulation (EC) 1272/2008.

The Workplace exposure Limit given in Section 8 has been taken from the UK HSE document: EH40/2005 Workplace Exposure Limits as amended.

Additional relevant regulations:

Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

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

None applicable.

15.2. Chemical safety assessment

A chemical safety assessment has not been undertaken for this mixture.

Section 16 Other information

This SDS (version 4.0) is the 4th version of this SDS for this product.

This information is believed to be accurate and represents the best information available to the company at this time. This information is provided as a guide to the hazards and respective safety precautions relevant to this product. This SDS does not represent any guarantee of performance or specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.