

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 9PH

Prysmian Cavi e Sistemi Italia S.r.l.
Via Chiese 6
20126 – Milano
Italy

Telephone

+44 (0) 1978 66 2375

Email

sa.clpsd01gb@prysmiangroup.com

Emergency telephone number

+44 (0)1978 66 2216

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

None

Section 3 Composition / information on ingredients

This product is a mixture.

Chemical Name	REACH Registration Number	CAS Number	EINECS/ELINCS	Hazard Class/Category/Statement	Concentration (w/w%)
Castor oil		8001-79-4	232-293-8	Not classified as hazardous	40 - 45
Calcium carbonate	01-2119486795-18-XXXX	1317-65-3	215-27-96	Not classified as hazardous	45 - 50
Cenospheres	01-2119563688-21-XXXX	93924-19-7	300-212-6	Not classified as hazardous	5 - 10

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

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

Inhalation: No measures necessary

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

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

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**

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**

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 / face protection: Avoid contact with eyes. Use eye protection designed to protect against liquid splashes. Before handling, wear safety goggles in accordance with standard EN166.

Hand Protection: Wear suitable protective gloves to protect against liquid splashes. Nitrile rubber and PVC gloves are suitable.

Body Protection: Standard industrial work wear.

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
Explosive limits:	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	No data available
Skin corrosion / irritation	No data available
Eye corrosion / irritation	No data available
Sensitisation data	No data available
Repeated dose toxicity	No data available
Carcinogenicity	No data available
Mutagenicity	No data available
Toxicity for reproduction	No data available

Section 12 Ecological information**12.1. Toxicity**

No data available

12.2. Persistence and biodegradability

Not biodegradable.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Result of PBT and vPvB assessment

No data available

12.6. 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**

Not regulated under transport regulation.

14.2. UN proper shipping name

Not regulated under transport regulation.

14.3. Transport hazard class(es)

This mixture is not classified as hazardous for transport purposes.

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. Maritime 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.

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

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation)

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

15.1. Safety, health and environmental regulations 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 3.0) is the 3rd 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.