



# BITHANE

## SAFETY DATA SHEET

### TWO PART LOW DENSITY PU POLYOL

ISSUE DATE:                      SEPTEMBER 30<sup>th</sup> 2019

#### 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

Telephone:                                      +44 (0) 1978 66 2375

e-mail:    [dave.lamb@prysmian.com](mailto:dave.lamb@prysmian.com)

**1.4 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**

Non-hazardous

### **2.2 Label elements**

None required

### **2.3 Other hazards**

None

## **Section 3 : Composition / information on ingredients**

This product is a mixture

Chemical Name	CAS Number	EINECS / ELINCS	Hazard Class/Category/Statement	Concentration (%)
Castor oil	8001-79-4	232-293-8	Not classified as hazardous	40-45
Calcium carbonate	1317-65-3	215-27-96	Not classified as hazardous	45-50
Cenospheres	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**

Data not available

## **Section 5 : Firefighting measures**

### **5.1 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 monoxide, Carbon dioxide.

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus

### **5.4 Further information**

Data not available

## **Section 6 : Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment as described in Section 8

### **6.2 Environmental precautions**

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

### **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 a cool dry location away from direct 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**

None established.

### **8.2 Exposure controls**

#### **Appropriate engineering controls:**

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

*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**

Appearance:	Grey / brown liquid
Odour:	Characteristic castor oil odour
Odour threshold:	no data available
pH:	not applicable
Melting point:	not applicable (liquid).
Boiling point:	>300 °C
Flash point:	>200°C (Closed Cup)
Evaporation rate:	no data available
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	not determined
Relative density	0.97 g/cm <sup>3</sup> @ 20°C
Solubility in water:	Insoluble
Solubility in other ingredients:	Miscible with aromatic hydrocarbons, acetone
Partition coefficient	
Octanol/water:	not determined
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity (dynamic):	approx 0.1 <a href="#">Pas @ 20°C</a>
Explosion properties:	no data available
Oxidising properties:	not oxidising.

### **9.2 Other information**

No additional data 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**

Exothermic reaction 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
Eye Corrosion / Irritation	Data not available
Sensitisation Data	Data not available
Repeated dose toxicity	Data not available
Carcinogenicity	Data not available
Mutagenicity	Data not available
Toxicity for reproduction	Data not available

## **Section 12 : Ecological information**

### **12.1 Toxicity**

Data not available

### **12.2 Persistence and biodegradability**

Not biodegradable

### **12.3 Bioaccumulative potential**

Data not available

**12.4 Mobility in soil**

Data not available

**12.5 Results of PBT and vPvB assessment**

Data not available

**12.6 Other adverse effects**

Data not 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 applicable

**14.2 UN proper shipping name**

Not applicable

**14.3 Transport hazard class(es)**

This mixture is not classified as hazardous for transport purposes.

**Section 15 : Regulatory information**

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

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 is the first 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