



## **SAFETY DATA SHEET**

### **JEM RESIN POWDER PACK**

**ISSUE DATE:**

**14<sup>th</sup> December 2022**

#### **Section 1 : Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

JEM resin - powder pack

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

Component of encapsulating medium for power cable joints

**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

e-mail:

[sa.clpsd01gb@prysmiangroup.com](mailto:sa.clpsd01gb@prysmiangroup.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**

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**

No information available

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

This product is a mixture

Chemical Name	REACH Registration Number	CAS Number	EINECS / ELINCS	Classification	Concentration
Silica Sand		14808-60-7			70.2%
Calcium Carbonate		1317-65-3	2152796		26.3%
Calcium Sulphate		7778-18-9	2319003		2.8%
Dibenzoyl peroxide	01-2119511472-50	94-36-0	2023276	Org Perox,C ; H241 Eye Irrit 2; H319 Skin Sens 1; H317	0.7%

## **Section 4 : First aid measures**

### **4.1 Description of first aid measures**

*General information:* Remove contaminated clothing. Wash before re-use.

*Inhalation:* Remove to fresh air, provide warmth and rest. If necessary, seek medical attention.

*Skin Contact:* No special measures necessary

*Ingestion:* Do not induce vomiting. Drink plenty of water and if necessary seek medical attention.

*Eye Contact :* Flush with large amounts of water. If necessary, seek medical attention.

### **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**

Not combustible

### **5.2 Special hazards arising from the substance or mixture**

None

### **5.3 Advice for firefighters**

None

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

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

This material is not classified as hazardous to health. Spillage could be regarded as nuisance dust.

### **6.2 Environmental precautions**

No specific requirements

### **6.3 Methods and material for containment and cleaning up**

Take up mechanically (e.g. sweep or vacuum) into closed containers prior to disposal.

### **6.4 Reference to other sections**

See Section 13 for disposal information.

## **Section 7 : Handling and storage**

### **7.1 Precautions for safe handling**

Handle in accordance with good practice for industrial safety and hygiene.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in cool dry location. Avoid prolonged exposure to sunlight. Maximum recommended storage temperature is 45°C. There is no lower limit on storage temperature.

### **7.3 Specific end use(s)**

See Section 1.2

## **Section 8 : Exposure controls / personal protection**

### **8.1 Control parameters**

No occupational exposure limits have been assigned to this material.

## 8.2 Exposure controls

LTEL (8 hour TWA) 6mg/m<sup>3</sup> silica, total inhalable dust (EH40/99)  
LTEL (8 hour TWA) 2.4mg/m<sup>3</sup> silica, total respirable dust (EH40/99)  
LTEL (8 hour TWA) 10mg/m<sup>3</sup> calcium carbonate, total inhalable dust (EH40/99)  
LTEL (8 hour TWA) 4mg/m<sup>3</sup> calcium carbonate, total respirable dust (EH40/99)

## Section 9 : Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Free flowing powder
Colour:	Off white
Odour:	Odourless
Odour threshold:	No data available
Melting point:	Not applicable
Freezing point:	Not applicable
Boiling point:	Not applicable
Flammability	No data available
Explosive limits	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flash point:	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH:	Not applicable
Viscosity, kinematic:	Not applicable
Solubility:	Insoluble in water
Partition coefficient n-octanol/water: (Log K <sub>ow</sub> ):	Not applicable
Vapour pressure	Not applicable
Vapor pressure at 50°C:	Not applicable
Density:	No data available
Relative density	Not applicable
Relative vapour density at 20°C	Not applicable
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 materials commonly used in the transportation, handling and storage of industrial materials.

### **10.2 Chemical stability**

Stable at room temperature and temperatures up to 60°C

### **10.3 Possibility of hazardous reactions**

None

### **10.4 Conditions to avoid**

Avoid prolonged exposure to direct sunlight.

### **10.5 Incompatible materials**

Strong acids

### **10.6 Hazardous decomposition products**

None when used as directed

## **Section 11 : Toxicological information**

### **11.1 Information on toxicological effects**

Acute toxicity	no data available
Skin Corrosion / Irritation	Rabbit (Skin): 500mg/24 hours MOD (calcium carbonate)
Eye Corrosion / Irritation	Rabbit (eye): 750 microgram/24hours (calcium carbonate)
Sensitisation Data	There are no known reports of sensitisation.
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**

No data available

### **12.3 Bioaccumulative potential**

No data available

### **12.4 Mobility in soil**

No data available

### **12.5 Results 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:** Landfill with the approval of the responsible local authority.

**Packaging:** Plastic containers may be disposed of by approved landfill if contaminated by cured material. Uncontaminated packaging (i.e. the external plastic container for two part kits) may be re-granulated for further use.

## **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)**

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 Annex II of MARPOL 73/78 and IBC code**

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 by regulation (EU) No 453/2010.

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

EU Directive 67/548/EEC ('Dangerous Substances Directive')

Regulation (EC) No 1907/2006 ('REACH')

Regulation (EU) No 453/2010.

**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**

Risk Phrases / Hazard Statements (Ref: Section 3):

Dibenzoyl peroxide

H241: Heating may cause a fire or explosion

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

This SDS (version 3.0) is the third 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