

Issue date: 03/12/2024

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mastic tape sealant.

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

Moisture barrier / sealant for power cable joints and terminations.

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

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%)
Butene / 2-methyl-1-propene copolymer	9044-17-1				15 - 40
Carbon black	1333-86-4	215-609-9	01-2119384822-32-XXXX		10 - 30
Kaolin	1332-58-7	310-194-1			10 - 30
Butyl rubber	9010-85-9	618-457-5			7 - 20
Talc	14807-96-6	238-877-9	01-2120140278-58-XXXX		3 - 7
Solvent refined paraffinic distillates	64741-88-4	265-090-8	01-2119488706-23-XXXX		1 - 5
Rosin acid esters with glycerol	8050-31-5	232-482-5	01-2119488167-37-XXXX		1 - 5
Silica	14808-60-7	238-878-4	01-2120770509-45-XXXX		0 - 1
Titanium dioxide	1343-67-7	236-675-5	01-2119489379-17-XXXX		0 - 0.5
Zinc oxide	1314-13-2	215-222-5	01-2119463881-32-XXXX	Aquatic Acute 1; H400 Aquatic Chronic 1; H410	0 - 0.1

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

Skin Contact: Wash with soap and water. If symptoms develop seek medical attention.

Eye Contact: Flush eyes with plenty of water. Remove contact lenses if easy to do. Continue rinsing. Seek medical attention if symptoms persist.

Inhalation: Move person to open air. If you feel unwell seek medical attention.

Ingestion: Rinse the mouth with water. Do NOT induce vomiting. Get immediate medical attention.

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

If ingested, symptoms may include abdominal pain, stomach upset, nausea and diarrhoea.

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: Water spray or mist. Aqueous foam.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

5.3. Advice for firefighters

No special precautions are anticipated.

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

Ventilate area with fresh air. For large spills or those in confined spaces provide mechanical ventilation.

6.1.2. For emergency responders

Ventilate area with fresh air. For large spills or those in confined spaces provide mechanical ventilation.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Collect as much of the spilled material as possible. Clean up residue and transfer to sealed container 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

Wash hands after handling. Do not eat, drink or smoke while using this product. Avoid contact with oxidising agents.

7.2. Conditions for safe storage, including any incompatibilities

Store away from acids and strong oxidising agents.

7.3. Specific end use(s)

See Section 1.2

Section 8 Exposure controls / personal protection

8.1. Control parameters

Kaolin:

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

Titanium Dioxide

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

Talc

	8 Hour TWA	15 Min STEL
Respirable Dust	1 mg/m ³	-

Silica (respirable crystalline):

	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 good occupational hygiene.

8.2.2. Individual protection measures

None required.

8.2.3. Environmental exposure controls

Avoid release to the environment.

Section 9 Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	Solid rubber with backing
Colour:	Black
Odour:	Odourless
Odour threshold:	No data available
Melting point:	No data available
Freezing point:	Not applicable
Boiling point:	Not applicable
Flammability:	Not applicable
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
pH:	Not applicable
Viscosity, kinematic:	Approx 1200 cST @ 60°C
Solubility:	Insoluble
Partition coefficient n-octanol/water: (Log K _{ow}):	No data available
Vapour pressure:	Not applicable
Vapour pressure at 50°C	Not applicable
Density:	1.25 – 1.5 g/cm ³
Relative density:	No data available
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 under normal use conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerisation will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids and oxidising agents

10.6. Hazardous decomposition products

None known.

Section 11 Toxicological information

11.1. Information on toxicological effects

Acute Toxicity:

Component	Test	Route	Species	Duration	Result
Kaolin	LD50	Dermal	-		Estimated: > 5000 mg/kg
	LD50	Ingestion	Human		> 15000mg/kg
Carbon Black	LD50	Dermal	Rabbit		> 3000 mg/kg
	LD50	Ingestion	Rat		> 8000 mg/kg
Butyl Rubber	LD50	Dermal	-		Estimated: > 5000 mg/kg
	LD50	Ingestion	-		Estimated: > 5000 mg/kg
Talc	LD50	Dermal	-		Estimated: > 5000 mg/kg
	LD50	Ingestion	-		Estimated: > 5000 mg/kg
Solvent refined paraffinic distillates	LD50	Dermal	Rabbit		> 2000 mg/kg
	LD50	Ingestion	Rat		> 5000 mg/kg
Rosin acid esters with glycerol	LD50	Dermal	Rabbit		> 5000 mg/kg
	LD50	Ingestion	Rat		> 2000 mg/kg
Silica	LD50	Dermal	-		Estimated: > 5000 mg/kg
	LD50	Ingestion	-		Estimated: > 5000 mg/kg
Titanium Dioxide	LD50	Dermal	Rabbit		> 10000 mg/kg
	LC50	Inhalation – Dust/Mist	Rat	4 hours	> 6.82 mg/L
	LD50	Ingestion	Rat		10000 mg/kg
Zinc Oxide	LD50	Dermal	-		Estimated: > 5000 mg/kg
	LC50	Inhalation – Dust/Mist	Rat	4 hours	> 5.7 mg/L
	LD50	Ingestion	Rat		> 5000 mg/kg

Skin corrosion/irritation:

Serious eye damage/irritation:

Sensitisation data:

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT-single exposure

STOT-repeated exposure

Aspiration hazard

No significant irritation.

No significant irritation.

Classification criteria not met.

Classification criteria not met.

Classification criteria not met.

Classification criteria not met.

Data not available

Data not available

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

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

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: This product is classified as non-hazardous waste. Dispose of waste via a licensed facility in accordance with local regulations. Incineration or landfill are the preferred methods.

Packaging: Treat as product.

Local legislation

Waste catalogue:

Waste code:

EU Waste Disposal Code (EWC)

08 04 10: Waste adhesives and sealants other than those mentioned in 08 04 09.

20 01 28: Paints, inks, adhesives and resins other than those mentioned in 20 01 27.

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. 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.

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**Full text of H-Statements**

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects.

This SDS (version 5.0) is the 5th 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.