

Issue date: 17/06/2024

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 9PHPrysmian Cavi e Sistemi Italia S.r.l.
Via Chiese 6
20126 – Milano
Italy**Telephone**

+44 (0) 1978 66 2375

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

+44 (0)1978 66 2216

Section 2 Hazards identification
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 known

Section 3 Composition / information on ingredients

This product is a mixture.

Chemical Name	REACH Registration Number	CAS Number	EINECS/ELINCS Number	Classification	Concentration (% by weight)
Butene / 2-methyl-1-propene copolymer		9044-17-1		Substance not classified as hazardous	15-40
Carbon black	01-2119384822-32-XXXX	1333-86-4	215-609-9	No classification under EH40 (2005)	10-30
Kaolin		1332-58-7	310-194-1	No classification under EH40 (2005)	10-30
Butyl rubber		9010-85-9	618-457-5	Substance not classified as hazardous	7-20
Talc	01-2120140278-58-XXXX	14807-96-6	238-877-9	No classification under EH40 (2005)	3-7
Solvent refined paraffinic distillates	01-2119488706-23-XXXX	64741-88-4	265-090-8	No classification under EH40 (2005)	1-5
Rosin acid esters with glycerol	01-2119488167-37-XXXX	8050-31-5	232-482-5	Substance not classified as hazardous	1-5
Silica	01-2120770509-45-XXXX	14808-60-7	238-878-4	No classification under EH40 (2005)	0-1
Titanium dioxide	01-2119489379-17-XXXX	1343-67-7	236-675-5	No classification under EH40 (2005)	0-0.5
Zinc oxide	01-2119463881-32-XXXX	1314-13-2	215-222-5	No classification under EH40 (2005)	0-0.1

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

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.

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

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

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

See Section 11.1.

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

Not applicable

Section 5 Firefighting measures**5.1. 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**

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 further 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	-
Total Inhalable	-	-

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. Engineering controls

None applicable.

8.2.2. Personal protective equipment

None required.

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
Explosive limits:	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

0% volatilities.

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

Product is 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
Inhalation: No known health effects

Skin Contact: No significant irritation

Eye Contact: No significant irritation

Ingestion: Symptoms may include abdominal pain, stomach upset, nausea and diarrhoea.

Acute Toxicity:

Ingredient	Route	Species	Test	Value
Kaolin	Dermal		LD50	estimated to be > 5000 mg/kg
	Ingestion	Human	LD50	> 15000mg/kg
Carbon Black	Dermal	Rabbit	LD50	> 3000 mg/kg
	Ingestion	Rat	LD50	> 8000 mg/kg
Butyl Rubber	Dermal		LD50	estimated to be > 5000 mg/kg
	Ingestion		LD50	estimated to be > 5000 mg/kg
Talc	Dermal		LD50	estimated to be > 5000 mg/kg
	Ingestion		LD50	estimated to be > 5000 mg/kg
Solvent refined paraffinic distillates	Dermal	Rabbit	LD50	> 2000 mg/kg
	Ingestion	Rat	LD50	> 5000 mg/kg
Rosin acid esters with glycerol	Dermal	Rabbit	LD50	> 5000 mg/kg
	Ingestion	Rat	LD50	> 2000 mg/kg
Silca	Dermal		LD50	estimated to be > 5000 mg/kg
Silica	Ingestion		LD50	estimated to be > 5000 mg/kg
Titanium Dioxide	Dermal	Rabbit	LD50	> 10000 mg/kg
	Inhalation – Dust/Mist (4 hours)	Rat	LC50	> 6.82 mg/L
	Ingestion	Rat	LD50	10000 mg/kg
Zinc Oxide	Dermal		LD50	estimated to be > 5000 mg/kg
	Inhalation – Dust/Mist (4 hours)	Rat	LC50	> 5.7 mg/L
	Ingestion	Rat	LD50	> 5000 mg/kg

Skin Corrosion / Irritation	No significant irritation
Eye Corrosion / Irritation	No significant irritation
Sensitisation Data	Not sensitising
Repeated dose toxicity	Data not available
Carcinogenicity	Not carcinogenic
Mutagenicity	Not mutagenic
Toxicity for reproduction	Not toxic for reproduction

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. 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**

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.

EU Waste Code:

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

Not classified as hazardous for transportation.

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 4.0) is the fourth 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