



SAFETY DATA SHEET

5313 MASTIC TAPE

ISSUE DATE:

JANUARY 19TH 2022

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

Telephone: +44 (0)1978 66 2375

e-mail: 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

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):

Not applicable

2.3 Other hazards

None

Section 3: Composition / information on ingredients

This product is a mixture

Chemical Name	REACH Registration Number	CAS Number	EC	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	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		Substance not classified as hazardous	7-20
Talc		14807-96-6	238-877-9	No classification under EH40 (2005)	3-7
Solvent refined paraffinic distillates		64741-88-4	265-090-8	No classification under EH40 (2005)	1-5
Rosin acid esters with glycerol	01-2119488167-37	8050-31-5	232-482-5	Substance not classified as hazardous	1-5
Silica		14808-60-7	238-878-4	No classification under EH40 (2005)	0-1
Titanium dioxide	01-2119489379-17	1343-67-7	236-675-5	No classification under EH40 (2005)	0-0.5
Zinc oxide		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

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

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

Occupational exposure limits:

Ingredient	CAS Number	Limit type
Kaolin	1332-58-7	TWA (respirable): 2 mg/m ³
Carbon Black	1333-86-4	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³
Titanium Dioxide	13463-67-7	TWA (inhalable): 10 mg/m ³ TWA (respirable): 4 mg/m ³
Talc	14807-96-6	TWA (respirable): 1 mg/m ³
Silica (crystalline)	14808-60-7	TWA (respirable): 0.1 mg/m ³

8.2 Exposure controls

Appropriate engineering controls:

Not applicable

Personal protective equipment:

Eye / face protection: None required

Hand Protection: None required

Respiratory Protection: None required

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Black solid
Odour:	Odourless
Odour threshold:	no data available
pH:	not applicable
Melting point:	no data available
Boiling point:	not applicable data available
Flash point:	≥ 93.3°C (closed cup)
Evaporation rate:	not applicable
Flammability	not applicable
Upper/lower flammability or explosive limits	not applicable
Vapour pressure	not applicable
Vapour density	not applicable
Relative density	1.25-1.35 g/cm ³ @ 20°C
Solubility in water:	Insoluble
Solubility in other ingredients:	no data available
Partition coefficient	
Octanol/water:	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity (kinematic):	approx 1200 cST @ 60°C
Explosion properties:	no data available
Oxidising properties:	no data available

9.2 Other information

0% volatiles

Section 10: Stability and reactivity

10.1 Reactivity

Non-reactive

10.2 Chemical stability

Stable under recommended storage 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

Name	Route	Species	Value
Kaolin	Dermal		LD50 estimated to be >5000 mg/kg
Kaolin	Ingestion	Human	LD50 >15000mg/kg
Carbon Black	Dermal	Rabbit	LD50 >3000mg/kg
Carbon Black	Ingestion	Rat	LD50 >8000mg/kg
Butyl Rubber	Dermal		LD50 estimated to be >5000 mg/kg
Butyl Rubber	Ingestion		LD50 estimated to be >5000 mg/kg
Talc	Dermal		LD50 estimated to be >5000 mg/kg
Talc	Ingestion		LD50 estimated to be >5000 mg/kg
Solvent refined paraffinic distillates	Dermal	Rabbit	LD50 >2000 mg/kg
Solvent refined paraffinic distillates	Ingestion	Rat	LD50 >5000 mg/kg
Rosin acid esters with glycerol	Dermal	Rabbit	LD50 >5000 mg/kg
Rosin acid esters with glycerol	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 >10000mg/kg
Titanium Dioxide	Inhalation – Dust/Mist (4 hours)	Rat	LC50 >6.82 mg/l
Titanium Dioxide	Ingestion	Rat	LD50 10000 mg/kg
Zinc Oxide	Dermal		LD50 estimated to be >5000 mg/kg
Zinc Oxide	Inhalation – Dust/Mist (4 hours)	Rat	LC50 >5.7 mg/l
Zinc Oxide	Ingestion	Rat	LD50 >5000 m6/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

Data not available

12.2 Persistence and biodegradability

Data not available

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

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 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

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 second 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