

Issue date: 20/11/2024

Section 1 Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**Bicaseal Putty, Activator
UFI: 6005-K2W5-E31X-DR67**1.2. Relevant identified uses of the substances or mixture and uses advised against**

Sealing compound for power cable accessories.

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**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):

Skin Irritation	Hazard Category 2	H315
Skin Sensitisation	Hazard Category 1	H317
Serious Eye Damage	Hazard Category 1	H318
Reproductive Toxicity	Hazard Category 2	H361f
Aquatic Chronic	Hazard Category 2	H411

For full text of hazard statements see Section 16.

2.2. Label elements

Labelling according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):

Signal Word:

Danger

GHS Pictogram



Hazard Statement:

Causes skin irritation (H315)
May cause an allergic skin reaction (H317)
Causes serious eye damage (H318)
Suspected of damaging fertility (H361f)
Toxic to aquatic life with long lasting effects (H411)

Precautionary Statement (Prevention):

Obtain special instructions before use. (P201)
Do not handle until all safety precautions have been read and understood. (P202)
Avoid breathing dust/gas/mist/vapours/spray. (P261)
Wash skin thoroughly after handling. (P264)
Avoid release to the environment. (P273)
Wear protective gloves/protective clothing/eye protection/face protection. (P280)

Precautionary Statement (Response):

IF ON SKIN: Wash with plenty of water. (P302+P352)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a Poison Centre or doctor. (P310)
Collect spillage. (P391)

Precautionary Statement (Storage):

Store locked up. (P405)

Precautionary Statement (Disposal):

Dispose of contents/container to specialist or hazardous waste collection point, in accordance with local, regional, national and/or international regulation. (P501)

Haz. Ingredients:

3,6-DIAZOCTANETHYLENEDIAMINE,
FATTY ACIDS, C18-UNSATD., DIMERS, OLIGOMERIC
REACTION PRODUCTS WITH TALL-OIL FATTY ACIDS AND
TRIETHYLENETETRAMINE,
4-TERT-BUTYLPHENOL,
AMIDES FROM ME EPOXYHYDROXYOCTADECANOATE,
TETRAETHYLENEPENTAMINE AND VEGETABLE -OIL FATTY
ACIDS,
3,6- DIAZAOCTANETHYL.

2.3. Other hazards

This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB. 4-tert-butylphenol is identified as endocrine disruptor on ECHA's endocrine disruptor (ED) assessment list.

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%)
Limestone (calcium carbonate)	471-34-1	207-439-9	01-2119486795-18-XXXX		30 - 50
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	68082-29-1	500-191-5	01-2119972320-44-XXXX	Skin Irrit. 2; H315 Skin Sens. 1; H317 Eye Dam. 1; H318 Aquatic Chronic 2; H411	5 - 10
4-ter-butylphenol	98-54-4	202-679-0	01-2119489419-21-XXXX	Skin Irrit. 2; H315 Eye Dam. 1; H318 Repr. 2; H361f Aquatic Chronic 1; H410 (M=1)	1 - 5
Amides, from Me Epoxyhydroxy-octadecanoate, Tetraethyl-pentamine and Vegetable-Oil Fatty Acids	68443-08-3			Skin Corr. 1C; H314 Eye Dam. 1; H318	1 - 5
3,6-diazaoctan ethylene-diamin; triethylenetetramine	112-24-3	203-950-6	01-2119487919-13-XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr.1B; H314 Skin Sens. 1; H317 Eye Dam. 1; H318 Aquatic Chronic 3; H412	<1

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

General information: Contact a doctor or casualty department, take the label or this safety data sheet. Never give an unconscious person water.

Skin Contact: Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.

Eye Contact: Flush eyes with running water for 15 minutes. Remove contact lenses if safe to do so. Make sure to flush under upper and lower eyelids. If irritation persists, contact a doctor.

Inhalation: Remove casualty from exposure if safe to do so. Consult a doctor.

Ingestion: If the person is conscious, wash out mouth with water immediately. Do not induce vomiting. Seek medical help.

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

Skin Contact: There may be mild irritation at the site of contact.

Eye Contact: There may be pain and redness. The eye may water profusely. There may be severe pain and vision may become blurred. May cause permanent damage.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

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: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Water jets.

5.2. Special hazards arising from the substance or mixture

Explosion: Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Fire will result in dense smoke containing harmful combustion products. Upon exposure to high temperatures or under combustion, the following harmful products may be produced: Carbon dioxide, carbon monoxide. Closed containers, which are exposed to fire, should be cooled with water.

5.3. Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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

Wear suitable protective clothing. Do not create dust. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Evacuate area immediately.

6.1.2. For emergency responders

Wear suitable protective clothing. Do not create dust. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Evacuate area immediately.

6.2. Environmental precautions

Prevent product from entering drains / surface water / ground water. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Collect spills carefully. Moist the material with water in order to prevent the formation and propagation of dust.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See Section 13 for disposal information.

Section 7 Handling and storage**7.1. Precautions for safe handling**

May form combustible dust concentrations in air. Take action to prevent static discharges. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Avoid direct contact with the product. Avoid contact during pregnancy and while nursing. Smoking, drinking and consumption of food is not allowed in the work area.

7.2. Conditions for safe storage, including any incompatibilities

Avoid the suspension of dust in the air. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use non-sparking tools.

7.3. Specific end use(s)

See Section 1.2

Section 8 Exposure controls / personal protection

8.1. Control parameters

Limestone (calcium carbonate)

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

DNEL

Component	Duration	Route of exposure	DNEL
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	Long term - Systematic effects - General population	Dermal	97.2 µg/kg bw/day
		Inhalation	169 µg/m ³
		Oral	97.2 µg/kg bw/day
	Long term - Systematic effects - Workers	Dermal	272 µg/kg bw/day
		Inhalation	952 µg/m ³

PNEC

Component	Route of exposure	Result
4-ter-butylphenol	Freshwater	10 µg/L
	Freshwater sediment	270 µg/kg
	Intermittent release (freshwater)	48 µg/L
	Marine water	1 µg/L
	Marine water sediment	27 µg/kg
	Predators	46.67 mg/kg
	Sewage treatment plant	1.5 mg/L
	Soil	250 µg/kg
Fatty acids, C18-unsatd., dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	Freshwater	4.34 µg/L
	Freshwater sediment	434.02mg/kg
	Intermittent release (freshwater)	43.4 µg/L
	Marine water	434 ng/L
	Marine water sediment	43.4 mg/kg
	Sewage treatment plant	3.84 mg/L
	Soil	86.78 mg/kg

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure there is adequate ventilation of the area.

8.2.2. Individual protection measures

Eye protection: Wear tightly fitting safety goggles.
 Skin protection: Wear protective gloves (Nitrile or Viton). Wear impermeable protective clothing.
 Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

8.2.3. Environmental exposure controls

Do not allow to enter drains or rivers.

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

Physical state:	Paste
Colour:	Cream
Odour:	Ammoniacal
Odour threshold:	No data available
Melting point:	Not applicable
Freezing point:	Not applicable
Boiling point:	Not applicable
Flammability:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	>150°C
pH:	Not applicable
Viscosity, kinematic:	Not applicable
Solubility:	Insoluble in water
Partition coefficient n-octanol/water: (Log K _{ow}):	No data available
Vapour pressure:	Not applicable
Vapour pressure at 50°C	Not applicable
Density:	1.86 g/cm ³
Relative density:	No data available
Relative vapour density at 20°C	No data available
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**

Stable under recommended transport and storage conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reaction will not occur under recommended transport and storage conditions.

10.4. Conditions to avoid

Heat. Sources of ignition.

10.5. Incompatible materials

Strong oxidising agents, acids, and bases.

10.6. Hazardous decomposition products

In combustion emits toxic fumes.

Section 11 Toxicological information**11.1. Information on toxicological effects**

Acute Toxicity:	Based on available data, classification criteria are not met.
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Causes serious eye damage.
Sensitisation data:	May cause allergic skin reaction.
Germ cell mutagenicity	Based on available data, classification criteria are not met.
Carcinogenicity	Based on available data, classification criteria are not met.
Reproductive toxicity	Suspected of damaging fertility.
STOT-single exposure	Based on available data, classification criteria are not met.
STOT-repeated exposure	Based on available data, classification criteria are not met.
Aspiration hazard	Based on available data, classification criteria are not met.

11.2. Information on other hazards

Reproductive toxicity: This product contains reprotoxic substances, which may harm the reproductive capacity. Adverse effects include sterility, effects on the sexual function, lowered effective fertility and dysfunctional menstrual cycle.

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

4-tert-butylphenol is identified as endocrine disruptor on ECHA's endocrine disruptor (ED) assessment list.

Section 12 Ecological information**12.1. Toxicity**

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Based on available data, classification criteria are not met.

12.3. Bioaccumulative potential

Based on available data, classification criteria are not met.

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

4-tert-butylphenol is identified as endocrine disruptor on ECHA's endocrine disruptor (ED) assessment list.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms. May cause adverse long-term effects to the aquatic environment.

Section 13 Disposal considerations

13.1. Waste treatment methods

Product:	Product is covered by the regulations on hazardous waste. HP 14 – Ecotoxic Dispose of contents/container to an approved waste disposal plant.
Packaging:	Packaging containing residues of the product must be disposed of similarly to the product.
Local legislation	
Waste catalogue:	EU Waste Disposal Code (EWC)
Waste code:	Product: 08 04 09* Packaging: 15-01-10*

Section 14 Transport information

14.1. UN number or ID number

UN3077

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S

14.3. Transport hazard class

Class 9

Hazard pictogram:



14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmentally hazardous: Yes

14.6. Special precautions for user**ADR**

Classification code:	M7
Limited quantities:	5 kg
Tunnel restriction code:	-

IMDG

Classification code:	M7
Limited quantities:	5 kg
EmS:	F-A S-F

Hazchem Code:	2Z
---------------	----

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**

H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H361f	Suspected of damaging fertility
H411	Toxic to aquatic life with long lasting effects

This SDS (version 6.0) is the 6th 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.