



SAFETY DATA SHEET

BICASEAL PUTTY BASE

ISSUE DATE:

19th January 2023

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

1.1 Product identifier

Bicaseal Putty (Base)
UFI MWY4-326S-431F-RDM5

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

Sealing compound for power cable accessories. To be used with activator pack.

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: 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 under CLP: Aquatic Chronic 2: H411; Eye Dam. 1 :H318; Repr. 2 : H361f ; Skin Irrit. 2 : H315 ; Skin Sens. 1A; H317

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Suspected of damaging fertility. Toxic to aquatic life with long lasting effects.

2.2 Label elements

Label elements under CLP:

Hazard 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.

Signal words: Danger

Hazard pictograms: GHS07: Exclamation mark



GHS08: Health hazard



Precautionary Statements:

P260: Do not breathe dust/fume/gas/mist/vapours/spray
P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P302+P350: IF ON SKIN; Gently wash with plenty of soap and water
P305+P351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P314: Get medical attention if you feel unwell
P321: Specific treatment (see manufacturers information on this label)

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

Haz ingredients (label): SILICA QUARTZ
 BIS-[4-(2,3EPOXI)PHENYL]PROPANE;
 BISPHENOL F DIGLYCIDYLETHER EPOXIDE DERIVATIVES

2.3 Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition / information on ingredients

This product is a mixture

3.2 Mixtures

Hazardous Ingredients

SILICA QUARTZ

EINECS	REACH Registration Number	CAS	PBT/WEL	CLP Classification	% w/w
238-878-4		14808-60-7	-	SOT RE 1:H372	30-50

LIMESTONE

EINECS	REACH Registration Number	CAS	PBT/WEL	CLP Classification	% w/w
215-279-8		1617-65-3	Substance with a Community WEL	-	10-30

BISPHENOL F DIGLYCIDYLETHER EPOXIDE DERIVATIVES

EINECS	REACH Registration Number	CAS	PBT/WEL	CLP Classification	% w/w
-		9003-36-5	-	Skin Irrit. 2:H315 Aquatic Chronic 2: H411 Eye Irrit 2: H319 Skin Sens 1: H317	1-5

IRON OXIDE

EINECS	REACH Registration Number	CAS	PBT/WEL	CLP Classification	% w/w
-		1309-37-1	Substance with a Community WEL	-	1-5

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation: Remove casualty from exposure. Consult a doctor.

Skin Contact: Remove contaminated clothes and footwear immediately unless stuck to the skin. Wash immediately with soap and water.

Ingestion: Wash out mouth with water immediately. Seek medical help

Eye Contact: Flush eyes with running water for 15 minutes.

4.2 Most important symptoms and effects, both acute and delayed

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

Exposure may cause coughing or wheezing.

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

Ingestion: There may be soreness and redness of the mouth and throat

Eye Contact: There may be irritation and redness. The eyes may be profusely

Delayed / immediate effects: Can be expected after short term exposure

4.3 Indication of any immediate medical attention and special treatment needed

Eye bathing equipment should be available on the premises

Section 5: Firefighting measures

5.1 Extinguishing media

Alcohol or polymer foam. Dry chemical powder. Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide

5.3 Advice for firefighters

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

5.4 Further information

No data available

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to Section 8 of this SDS for personal protection details. Mark out contaminated area and prevent access to unauthorised personnel. Do not create dust.

6.2 Environmental precautions

Do not discharge into drains or rivers.

6.3 Methods and material for containment and cleaning up

Transfer to a closable labelled container.

6.4 Reference to other sections

Refer to Section 13 of this SDS for suitable disposal method.

7. **Handling and storage**

7.1 Precautions for safe handling

Use in a well ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool location with adequate ventilation. Must only be kept in original packaging.

7.3 Specific end use(s)

See Section 1.2

Section 8: Exposure controls / personal protection

8.1 Control parameters

SILICA QUARTZ

Workplace Exposure Limits:

Respirable Dust:

Region	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	-	-	0.1mg/m ³	-

LIMESTONE

Workplace Exposure Limits:

Respirable Dust:

Region	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	-	-	4mg/m ³	-

IRON OXIDE

Workplace Exposure Limits:

Respirable Dust:

Region	8 hour TWA	15 min STEL	8 hour TWA	15 min STEL
UK	10mg/m ³	-	4mg/m ³	-

8.2 Exposure controls

Engineering measures: Ensure there is adequate ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Use mask with dust filter.

Hand protection: Protective gloves (nitrile or Viton)

Eye protection: Safety glasses. Ensure eye bath is available.

Skin protection: Protective clothing

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Paste
Colour:	Dark red
Odour:	Barely perceptible
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:	>93°C
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
Vapor pressure at 50°C:	Not applicable
Density:	2.01 – 2.07 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 or storage conditions.

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reaction will not occur under recommended transport or storage conditions. Decomposition may occur after exposure to the materials listed below.

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

Strong oxidising agents, acids and bases.

10.6 Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / monoxide.

Section 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients:

Bisphenol F- diglycidylether epoxide derivatives

DERMAL	RBT	LD50	>10900 mg/kg
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Relevant effects for the mixture:

Hazard	Route	Basis
Skin corrosion/irritation	DERMAL	Hazardous: calculated
Serious eye damage /irritation	OPTICAL	Hazardous: calculated
Respiratory/ skin sensitisation	DERMAL	Hazardous: calculated
Stot – REPEATED EXPOSURE	-	Hazardous: calculated

Symptoms / routes of exposure:

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. May cause coughing or wheezing.

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

Ingestion: There may be soreness and redness of the mouth and throat.

Eye Contact: There may be irritation and redness. Eyes may water profusely.

Delayed / immediate effects: Can be expected after short term exposure.

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

This product is not identified as a PBT/vPvB substance

12.6 Other adverse effects

No data available

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Small quantities of the product can be mixed and allowed to cure, then can be disposed of as solid waste. Otherwise, transfer to a suitable container for disposal at a licensed waste disposal site.

Disposal of packaging: Contaminated packaging is to be treated as hazardous waste. Disposal by licensed operator (in accordance with local regulations) or other method for hazardous or toxic wastes.

Waste code number: 15 01 08

Section 14: Transport information

Transport Class: This product is not classified as hazardous for transport purposes.

Section 15: Regulatory information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EU) No 830/2015

15.1 Safety, health and environmental regulations specific for the substance or mixture

US TSCA: All chemicals in this product are listed in the TSCA inventory, or are exempt from the inventory as naturally occurring substances.

15.2 Chemical safety assessment

A chemical safety assessment has not been undertaken for this mixture

Section 16: Other information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EU) No 830/2015

Full text of Statements referred to in Sections 2 and 3:

EHH205: Contains epoxy constituents. May produce an allergic reaction.

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation

H372: Causes damage to organs through prolonged or repeated exposure

This SDS 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