SAFETY DATA SHEET

Revision: 19 June 2024 Version number: 1.0

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

1.1 Product identifier

Milliput Component B

Colour variations: Superfine White, Silver Grey, and Turquoise Blue.

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

Component B of two-part, cold-setting epoxy putty.

Uses advised against: not available.

1.3 Details of the supplier of the safety data sheet

The Milliput Company,
Unit 8, The Marian,
Dolgellau, Gwynedd LL40 1UU, UK.
Tel 01341 422562; info@milliput.co.uk.

1.4 Emergency telephone number

Tel 01341 422562 (UK business hours).

UK: 111 (public NHS number for less urgent medical problems). Medical professionals can contact the National Poisons Information Service (NPIS): 0344 892 0111.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to CLP Regulation: UK SI 2019 No. 720 and EU Regulation 1272/2008.

Skin Irrit 2, H315; Eye Irrit 2, H319; Skin Sens 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412

See Section 16 ‘Other information’ for full text of the H-statements.

2.2 Label elements

Signal word: Warning.

Hazard statements:
Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.
Harmful to aquatic life with long lasting effects.

Precautionary statements

general: Keep out of reach of children.

prevention: Wear protective gloves and eye protection.

response: IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical attention.

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storage	None.
disposal	Dispose of contents/container in accordance with local/national regulation.
Supplemental information	None.

2.3 Other hazards Not available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures [a,b]

Declarable components	*Conc. (wt%)*	*EC No.*	*CAS No.*	*REACH Reg. No.*	*Classification, supplemental hazards, ATE, M-factor, and SCL*
Fatty acids, tall-oil, reaction products with tetraethylenepentamine	15–30	273-201-6	68953-36-6	NA	Skin Irrit 2, H315; Eye Irrit 2, H319; Skin Sens 1, H317; STOT SE 3, H335
Tetraethylenepentamine	0.1-2	203-986-2	112-57-2	NA	Acute Tox 4, H302; Acute Tox 4, H312; Skin Corr 1B, H314; Eye Dam 1, H318; Skin Sens 1, H317; Aquatic Chronic 2, H411
2,6-Di-tert-butyl-p-cresol (BHT)	< 0.5	204-881-4	128-37-0	NA	Aquatic Acute 1, H400; Aquatic Chronic 1, H410 (M = 1)
Other components					
Talc	> 50	238-877-9	14807-96-6	NA	Not classified

[a] NA: not available.

[b] See Section 16 'Other information' for full text of the H-statements.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation	If inhalation of product is suspected of causing symptoms, remove exposed person to fresh air and keep at rest in a position comfortable for breathing. For difficulties in breathing, respiratory irritation, or other symptoms, get medical attention.
Skin	If in contact with skin, wash affected area with soap and water, or shower. For signs of irritation or rash, get medical attention. Take off contaminated clothing and wash it before reuse.
Eye	If in eye, rinse with room-temperature water or eyewash solution for several minutes. Remove contact lens, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
Ingestion	If in mouth, rinse out several times with water. Give water to drink if the product has been swallowed. Get medical attention if exposed person feels unwell. Do not induce vomiting, unless instructed by medical personnel.

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4.2 Most important symptoms and effects, both acute and delayed	Causes skin irritation and serious eye irritation. May cause respiratory irritation. May cause an allergic skin reaction.
4.3 Indication of any immediate medical attention and special treatment needed	Treat symptoms as they occur.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable	Water spray, alcohol-resistant foam, carbon dioxide, or dry powder.
Unsuitable	Water jet may spread fire.
5.2 Special hazards arising from the substance or mixture	The product is not classified as flammable. If involved in a fire, product will decompose producing hazardous smoke, vapours and gases.
5.3 Advice for firefighters	Remove product from fire or cool containers with water spray. Firefighters should wear self-contained breathing apparatus and full protective clothing. Prevent water from firefighting from entering water-courses or drainage system.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures	Product is supplied in small packages for consumers which can be collected. For large spills in a professional setting, wear personal protection. Follow prescribed procedures for responding to workplace spills.
6.2 Environmental precautions	Prevent product from entering water courses or drainage system.
6.3 Methods and material for containment and cleaning up	Clean up spill as soon as possible. For small quantities, collect product or wipe off residue with cloth or paper. For larger quantities, absorb onto an inert material (eg sand), and sweep up. Rinse contaminated surfaces with soap and water. Collect waste, washings, and contaminated materials for safe disposal.
6.4 Reference to other sections	For recommended personal protective equipment, see Section 8. For disposal considerations, see Section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	See Section 8 for engineering controls and personal protection. Keep out of reach of children. For bulk handling, avoid skin and eye contact with the product, using measures described in Section 8. Avoid breathing vapours. Use in a well-

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ventilated area. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

7.2	**Conditions for safe storage, including any incompatibilities**	For bulk storage, keep container closed. Store containers in a cool, dry place away from direct sunlight.
7.3	**Specific end use(s)**	Component B of two-part, cold-setting epoxy putty.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

EU limit values	None.
National limit values (UK)	Talc, respirable dust: WEL: 8 h TWA, 1 mg/m^3. BHT: WEL: 8 h TWA, 10 mg/m^3.
Monitoring procedure	Not available.
Other: human health (DNELs, DMELs)	Not available.
Other: environmental (PNEC)	Not available.

8.2 Exposure controls

Engineering controls	For workplace use, good general ventilation (eg 3 air exchanges per hour) is recommended.
Personal protective equipment	For handling in the workplace, the need for personal protective equipment should be based on a risk assessment for the particular use. Avoid skin contact by wearing chemical resistant gloves (eg nitrile, 0.2 mm) and safety goggles. If extensive contact may occur, wear protective clothing (eg apron, lab coat). Respiratory protective equipment not required for foreseen use. PPE should conform to GB or European (EN) standards. Consult manufacturer concerning breakthrough times.
Environmental exposure controls	Not available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

(a)	Physical state	Liquid (paste)
(b)	Colour	Various colours (Superfine White, Silver Grey, and Turquoise Blue)
(c)	Odour	Characteristic
(d)	Melting/freezing point	Not available
(e)	Boiling point or initial boiling point and boiling range	Not available
(f)	Flammability	Not available

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(g)	Lower and upper explosion limit	Not available
(h)	Flash point	Not available
(i)	Auto-ignition temp.	Not available
(j)	Decomposition temp.	Not available
(k)	pH	Not available
(l)	Kinematic viscosity	Not available
(m)	Solubility	In water: not available
(n)	Partition coeff. n-octanol/water (log value)	Not available
(o)	Vapour pressure	Not available
(p)	Density or rel. density	Not available
(q)	Relative vapour density	Not available
(r)	Particle characteristics	Not available
9.2	**Other information**	Not considered explosive or oxidising

SECTION 10: Stability and reactivity

10.1 Reactivity	Product is alkaline and will react with acids and produce heat.
10.2 Chemical stability	Stable under recommended storage and handling conditions. No hazardous polymerization.
10.3 Possibility of hazardous reactions	Not available.
10.4 Conditions to avoid	High temperatures, or direct sunlight.
10.5 Incompatible materials	Strong acids, and oxidising agents.
10.6 Hazardous decomposition products	Not available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

(a)	Acute toxicity	Based on available data on the ingredients, the classification criteria are not met for the oral, dermal or inhalation routes of exposure.
(b)	Skin corrosion/irritation	Based on available data on the ingredients the classification criteria are met for Category 2 (causes skin irritation).
(c)	Serious eye damage/irritation	Based on available data on the ingredients, the classification criteria are met for Category 2 (causes serious eye irritation).
(d)	Respiratory or skin sensitisation	Respiratory sensitisation: no relevant ingredient has been classified for this effect.

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		Dermal sensitisation: based on available data, the classification criteria are met for Category 1 (may cause an allergic skin reaction).
(e)	Germ cell mutagenicity	Based on available data, the classification criteria are not met. No relevant ingredient has been classified for this effect.
(f)	Carcinogenicity	Based on available data, the classification criteria are not met. No relevant ingredient has been classified for this effect.
(g)	Reproductive toxicity	Based on available data, the classification criteria are not met. No relevant ingredient has been classified for this effect.
(h)	STOT-single exposure	Based on available data on the ingredients, the classification criteria are met for Category 3 (may cause respiratory irritation).
(i)	STOT-repeated exposure	Based on available data, the classification criteria are not met. No relevant ingredient has been classified for this effect.
(j)	Aspiration hazard	Based on available data, the classification criteria are not met. No relevant ingredient has been classified for this effect.
11.2	Information on other hazards	No ingredient identified as having endocrine disrupting properties relevant for humans.

SECTION 12: Ecological information

12.1 Toxicity	Based on available data on the ingredients, the classification criteria are met for Aquatic Chronic Category 3 (harmful to aquatic life with long lasting effects). BHT: very toxic to aquatic organisms with long-lasting effects.
12.2 Persistence and degradability	Not available.
12.3 Bioaccumulative potential	Not available.
12.4 Mobility in soil	Not available.
12.5 Results of PBT and vPvB assessment	No ingredients have been classified as PBT or vPvB.
12.6 Endocrine disrupting properties	No ingredients have been classified as an endocrine disruptor.
12.7 Other adverse effects	The mixture is not classified as hazardous to the ozone layer.

SECTION 13: Disposal considerations

13.1 Waste treatment methods	Small consumer items may be disposed of in landfill. For bulk disposal, incineration or landfill is recommended for this product. Disposal via the drains is not recommended. Chemical residues generally count as special waste. General EU requirements are given in Directive 2008/98/EC and GB equivalent.

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SECTION 14: Transport information

14.1 UN Number	Not classified as dangerous goods for transport.
14.2 UN proper shipping name	Not applicable.
14.3 Transport hazard class(es)	Not applicable.
14.4 Packing group	Not applicable.
14.5 Environmental hazards	Not classified as marine pollutant/environmentally hazardous.
14.6 Special precautions for user	Not available.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable. This product is not intended to be transported by sea in bulk containers.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	*UK*: Control of Substances Hazardous to Health Regulations 2002 (COSHH), as amended. COSHH Essentials: Easy Steps to Control Chemicals; HSE Books 2003 (also available on the HSE web site). Workplace Exposure Limits EH40/2005 (Fourth Edition 2020), Health and Safety Executive.
15.2 Chemical safety assessment	Not available.

SECTION 16: Other information

Revisions	This SDS is version 1.1 in EU format (Regulation 2020/878), using classification according to the CLP Regulation, or GB equivalent. No significant changes from the previous version 1.0 of 8 August 23, but ingredient and product classifications checked.
Abbreviations	ATE, acute toxicity estimate; DMEL, derived minimum effect level; DNEL, derived no-effect level; PBT, persistent, bioaccumulative, and toxic; PNEC, predicted no-effect concentration; SCL, specific concentration limit; STOT RE, specific target organ toxicity, repeated exposure; STOT SE, specific target organ toxicity, single exposure; TWA, time-weighted average; vPvB, very persistent, very bioaccumulative; WEL, UK workplace exposure limit.
References	Search for chemicals; available at the European Chemicals Agency (ECHA) website: http://echa.europa.eu/.
Basis of classification	The classification of the mixture has been assessed according to the criteria given in Regulation 1272/2008 or GB equivalent on the basis of available information on the ingredients.
List of hazard statements	H302: Harmful if swallowed; H312: Harmful in contact with skin; H314: Causes severe skin burns and eye damage; H315: Causes skin irritation; H317: May cause an allergic skin reaction; H318: Causes serious eye damage; H319: Causes serious eye irritation; H335: May cause

respiratory irritation; H400: Very toxic to aquatic life; H410: Very toxic to aquatic life with long lasting effects; H411: Toxic to aquatic life with long lasting effects; H412: Harmful to aquatic life with long lasting effects.