

Product Name	Bossweld Engineering Chalk
Part Number	800020, 800022, 800023
SDS Document Number	SDS_Bossweld Engineering Chalk_v1.1_080422
Issue Date	08/04/22

1 Product identifier & identity for the chemical

1.1 Product Identifier

Product Name: Bossweld Engineering Chalk

Part Numbers: 800020, 800022, 800023

1.2 Other means of identification

None

1.3 Recommended use of the chemical and restrictions on use

Engineering chalks used for marking hot and cold metal as well as other hard surfaces.

1.4 Suppliers name, address and phone number

Supplier Name: Dynaweld Industrial Supplies Pty Ltd
Address: Building 2, 10 Jessica Place, Prestons NSW 2214, Australia
Phone: +61 2 8761 6500
Email: sales@dynaweld.com.au
Web Site: <https://dynaweld.com.au/>

1.5 Emergency phone number

Emergency Phone: +61 2 8761 6500 (Australia)

2 Hazard Identification

2.1 Classification of the hazardous chemical

This product is not classified as hazardous according to the Globally Harmonised System of classification and labelling of Chemicals (GHS)

2.2 Label elements, including precautionary statements

Signal Word: Not Applicable
Symbols: Not Applicable
Hazard Statements: Not Applicable
Precautionary Statements: Not Applicable

2.3 Other hazards which do not result in classification

General: Where significant amounts of this product are used dust can be generated.

3 Composition/information on ingredients

3.1 Identity of chemical ingredients

Chemical Name	CAS No.	Concentration Range (% w/w)
Soapstone	Not Applicable	>60%

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3.2 CAS number and other unique identifiers

Note: See section 3.1

3.3 Concentration of ingredients

Note: See section 3.1

4 First Aid Measures

4.1 Description of necessary first aid measures

General:	Contact The Poisons Information Centre in the case of poisoning or irritation by this product. The number is 13 1126 from anywhere in Australia and is available 24 hours a day.
Inhalation:	May cause irritation. If breathing is affected remove victim to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Seek medical advice/attention.
Skin contact:	Remove contaminated clothing and wash affected areas with plenty of water. If irritation occurs, seek medical advice/attention.
Eye contact:	Dust may irritate eyes. Do not rub eyes as rubbing may cause abrasion. Hold eyes open and flush with water for at least 15 minutes. If irritation develops, seek medical advice/attention.
Ingestion:	Unlikely to be toxic by ingestion. If swallowed, do not induce vomiting. For advice, contact The Poisons Information Centre (Phone 13 11 26) or a doctor.

4.2 Symptoms caused by exposure

No further additional information is available on medical conditions as a result of / which are aggravated from exposure to this product.

Note: Refer to Section 11 for further information.

4.3 Medical Attention and Special Treatment

Treat symptomatically.

5 Fire Fighting Measures

5.1 Suitable extinguishing media

This product is not flammable.

In case of fire use foam, dry chemical, water sprayers / fog or carbon dioxide.

No unsuitable extinguishing media is known.

5.2 Specific hazards arising from the chemical

None.

5.3 Special protective equipment and precautions for fire fighters

As in any fire, fire fighter should wear a self-contained breathing apparatus and full protective gear.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

If accidental release occurs ensure that appropriate PPE is worn (i.e. protective gloves, safety boots).

Avoid walking through spilled product as the dust will spread. Keep unnecessary and unprotected personnel from entering the area.

Note: Refer to recommendations in Section 8.

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6.2 Environmental precautions

Isolate hazard area.

Do not allow product to enter drains or waterways.

6.3 Methods and materials for containment and cleaning up

For small spills wipe up with a wet paper towel and place in bin for disposal. Do not let contaminated water enter waterways.

For large spills, collect recoverable material in an appropriate container. Do not flush to sewer. If contamination of drains or waterways occurs advise emergency services.

Note: Refer to Section 13 for proper disposal.

7 Handling and Storage

7.1 Precautions for safe handling

Use in a ventilated area.

7.2 Conditions for safe storage, including any incompatibilities

Store out of the weather in original containers.

Note: See section 8 for further information.

8 Exposure controls/personal protection

8.1 Control parameters – exposure standards, biological monitoring





Chemical Name	CAS No.	Limit Value (TWA) *
Soapstone	Not Applicable	Inhalable – 6 mg/m ³ Respirable – 3 mg/m ³

Keep exposure below exposure limits. Threshold Limit Values (TLVs) and Biological Exposure Indices (BEIs) are values published by the American Conference of Government Industrial Hygienists (ACGIH). ACGIH Statement of Positions Regarding the TLVs and BEIs states that the TLV-TWA should be used as a guide in the control of health hazards and should not be used to indicate a fine line between safe and dangerous exposures.

8.2 Appropriate engineering controls

Natural ventilation should be adequate under normal conditions of use.

8.3 Personal protective equipment (PPE)

Eye Protection		Wear safety glasses with side shields.
Hand protection:		Wear protective gloves. Suitable gloves can be recommended by the glove supplier.
Protective Clothing		Wear safety boots.
Hygiene measures:		Do not eat, drink or smoke when using the product. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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Note: See WTI Technical Note 7 – Health and Safety in Welding for further information / guidance.

9 Physical and chemical properties

	Property	Product description
9.1	Appearance	Solid white sticks
9.2	Odour	No further relevant information available
9.3	Odour threshold	No further relevant information available
9.4	pH	No further relevant information available
9.5	Melting point/freezing point	No further relevant information available
9.6	Boiling point and boiling range	No further relevant information available
9.7	Flash point	No further relevant information available
9.8	Evaporation rate	No further relevant information available
9.9	Flammability	Non-Flammable
9.10	Upper/lower flammability or explosive limits	No further relevant information available
9.11	Vapour pressure	No further relevant information available
9.12	Vapour density	No further relevant information available
9.13	Relative density	No further relevant information available
9.14	Solubility(ies)	No further relevant information available
9.15	Partition coefficient: (n-octanol/water)	No further relevant information available
9.16	Auto-ignition temperature	No further relevant information available
9.17	Decomposition temperature	No further relevant information available
9.18	Viscosity	No further relevant information available
9.19	Specific heat value	No further relevant information available
9.20	Particle size	No further relevant information available
9.21	Volatile organic compounds content	No further relevant information available
9.22	% volatile	No further relevant information available
9.23	Saturated vapour concentration	No further relevant information available
9.24	Release of invisible flammable vapours and gases	No further relevant information available
	Additional parameters	
9.25	Shape and aspect ratio	No further relevant information available
9.26	Crystallinity	No further relevant information available
9.27	Dustiness	No further relevant information available
9.28	Surface area	No further relevant information available
9.29	Degree of aggregation or agglomeration	No further relevant information available
9.30	Ionisation (redox potential)	No further relevant information available
9.31	Biodurability or biopersistence	No further relevant information available

10 Stability and Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of storage and transport.

10.2 Chemical stability

Stable under normal conditions of storage and transport.

10.3 Conditions to avoid

No known conditions to avoid.

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10.4 Incompatible materials and possible hazardous reactions

No further information available.

10.5 Hazardous decomposition products

No further information available.

11 Toxicological information

11.1 Information on routes of exposure

Inhalation	Non considered to be a hazard due to non-volatile nature of the product. The material is not thought to produce adverse health effects or irritation of the respiratory tract, nevertheless, good hygiene practices require that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.
Swallowed	This product is not harmful by ingestion when assessed against criteria of Worksafe Australia however, the product may cause irritation to the mouth, throat or gastrointestinal tract of some individuals. Symptoms may include nausea, vomiting and diarrhoea.
Eye	This product is not an eye irritant when assessed against criteria of Worksafe Australia however, direct eye contact may still cause immediate irritation and discomfort if dust comes into contact with the eyes that may include, redness, stinging and swelling.
Skin	This product is not a skin irritant when assessed against criteria of Worksafe Australia however, the product may still cause skin irritation and discomfort for some individuals. The skin may appear red and become sore.

11.2 Symptoms related to exposure

Note: See Section 11.1

11.3 Numerical measures of toxicity

No further information available

11.4 Immediate, delayed and chronic health effects from exposure

Long-term exposure to the product is not thought to produce chronic effects adverse to the health, nevertheless exposure should be minimised.

11.5 Exposure Levels

Note: See Section 11.1

11.6 Interactive effects

Note: See Section 11.1

11.7 Data limitations

No further information available.

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12 Ecological information

12.1 Ecotoxicity

Do not allow product to contaminate waterways or soil.

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Other adverse effects

No further information available.

13 Disposal considerations

13.1 Safe handling and disposal methods

Ensure containers are handled with care to prevent spills.

Unwanted material should be disposed of in accordance with National, State or Local laws.

13.2 Disposal of any contaminated packaging

Dispose of non-recyclable products in accordance with all applicable National, State, and Local requirements.

13.3 Environmental regulations

Discharge, treatment, or disposal may be subject to National, State, or Local laws.

14 Transport information

14.1 UN number

Not Applicable

14.2 Proper shipping name

Not Applicable

14.3 Transport hazard class(es)

Not Applicable

14.4 Packing group

No further relevant information available

14.5 Environmental hazards

No further relevant information available

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14.6 Special precautions during transport

No further relevant information available

14.7 Hazchem Code

Not Applicable

15 Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Regulations of each country are applied to substances / mixtures.

15.2 Poisons Schedule number

A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

16 Other information

Training advice: Ensure that user is aware of the potential hazards and knows what to do in the event of an accident or an emergency.

16.1 Date of preparation or review

8th April, 2022

16.2 Key abbreviations or acronyms used

BEI - Biological Exposure Indices

GHS - Globally Harmonized System of classification and labelling of chemicals.

IARC - International Agency for Research on Cancer

NTP - National Toxicology Program

PPE - Personal Protection Equipment

SUSMP - Standard for the Uniform Scheduling of Medicines and Poisons

TLVs - Threshold Limit Value

WTIA – Welding Technology Institute of Australia

Dynaweld Industrial Supplies Pty Ltd requires that all customers read this safety data sheet carefully so as to be informed about the risks implied in the use of the product, and provide any person involved with a copy of the same and/or adequate training on the use of the product.

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END OF SAFETY DATA SHEET