



# SAFETY DATA SHEET

ULTRA MASTIK NSW  
Revision Number 3

Revision date 03-Apr-2024  
Supersedes Date: 02-Mar-2022

## Section 1: Identification: Product identifier and chemical identity

### Product identifier

Product Name ULTRA MASTIK NSW

### Product Code(s)

30840346  
30615421; 30840346; 30840252

### Other means of identification

Pure substance/mixture Mixture

### Recommended use of the chemical and restrictions on use

Recommended use Hot-melt adhesives

Uses advised against No information available.

### Details of manufacturer or importer

### Supplier

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

ABN: 79 003 893 838

E-mail address au-bostik-sds@bostik.com

### Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

## Section 2: Hazard(s) identification

### GHS Classification

Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 1 - (H318)
Carcinogenicity	Category 1A - (H350)
Specific target organ toxicity (single exposure)	Category 3 - (H335)
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)

### Label elements

Exclamation mark  
Health hazard  
Corrosion

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**Signal word**  
DANGER

## **Hazard statements**

H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H335 - May cause respiratory irritation  
H350 - May cause cancer  
H372 - Causes damage to organs through prolonged or repeated exposure

## **Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Wear protective gloves/clothing and eye/face protection  
Wash face, hands and any exposed skin thoroughly after handling  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Do not eat, drink or smoke when using this product

## **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
Immediately call a POISON CENTER or doctor  
IF ON SKIN: Wash with plenty of water and soap  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse  
IF INHALED: Remove person to fresh air and keep comfortable for breathing  
Call a POISON CENTER or doctor if you feel unwell

## **Precautionary Statements - Storage**

Store in a well-ventilated place

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

## **Other hazards which do not result in classification**

If medical advice is needed, have product container or label at hand.  
Keep out of reach of children.  
Read carefully and follow all instructions.  
Contact with product at elevated temperatures can result in thermal burns.  
Product dust may be irritating to eyes, skin and respiratory system.  
Dust contact with the eyes can lead to mechanical irritation.  
Contact with dust can cause mechanical irritation or drying of the skin.  
Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease.  
Repeated exposure may cause skin dryness or cracking.  
When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.

## **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poison Schedule Number** 6

## **Label requirements in accordance with SUSMP**

POISON

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KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

## Section 3: Composition and information on ingredients, in accordance with Schedule 8

### Substance

Not applicable

### Mixture

Chemical name	CAS No.	Weight-%
Quartz	14808-60-7	30 - 60
Cement, portland, chemicals (Chromium VI reduced)	65997-15-1	10 - <30
Calcium diformate	544-17-2	0 - <10
Quartz (fine fraction)	14808-60-7	0 - <10
Non-hazardous ingredients	Proprietary	Balance

## Section 4: First aid measures

**Emergency telephone number** Poisons Information Center, Australia: 13 11 26  
Poisons Information Center, New Zealand: 0800 764 766

### Description of first aid measures

**General advice** Immediate medical attention is required. Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

**Inhalation** **Solid:** . Inhalation of dust/particles. Blow nose. Remove to fresh air. **Molten** . Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is difficult, administer oxygen. If symptoms persist, call a physician.

**Eye contact** **Solid:** . In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. **Molten** . Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Contact with molten materials requires immediate medical assistance.

**Skin contact** **Solid:** . Wash skin with soap and water. **Molten** . After contact with molten product, cool skin area rapidly with cold water. For severe burns, immediate medical attention is required. Do not remove clothing if adhering to skin. Removal of solidified molten material from skin requires medical assistance. Do not try to remove solidified material from the skin.

**Ingestion** Get immediate medical attention. Do not induce vomiting without medical advice.

**Self-protection of the first aider** Avoid contact with skin, eyes or clothing. Wear personal protective clothing (see section 8). Do not breathe dust. Do not breathe vapor or mist. Remove all sources of ignition.

### Most important symptoms and effects, both acute and delayed

**Symptoms** Burning sensation. Contact with molten substance may cause severe burns to skin and eyes.

### Indication of any immediate medical attention and special treatment needed

**Note to physicians** Burns caused by molten material must be treated clinically. Treat any burns as thermal burns, after decontamination.

## Section 5: Firefighting measures

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## Suitable Extinguishing Media

**Suitable extinguishing media** CO<sub>2</sub>, dry chemical, dry sand, alcohol-resistant foam.

**Unsuitable extinguishing media** Do not use straight streams.

## Specific hazards arising from the chemical

**Specific hazards arising from the chemical** The product is insoluble and floats on water. The melted product can cause severe burns.

**Hazardous combustion products** Carbon oxides. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## Special protective actions for fire-fighters

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## **Section 6: Accidental release measures**

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Ensure adequate ventilation. Avoid contact with hot, molten product.

**Other information** Refer to protective measures listed in Sections 7 and 8. Where possible allow molten material to solidify naturally.

**For emergency responders** Use personal protection recommended in Section 8.

### Environmental precautions

**Environmental precautions** Do not flush into surface water or sanitary sewer system.

### Methods and material for containment and cleaning up

**Methods for containment** **Molten** . Cover with dry sand/earth.

**Methods for cleaning up** **Solid:** . Take up dust-free and set down dust-free. Do not breathe dust. Take precautionary measures against static charges. **Molten** . Where possible allow molten material to solidify naturally. Prevent product from entering drains. Use personal protective equipment as required.

### Precautions to prevent secondary hazards

**Prevention of secondary hazards** Eliminate all ignition sources if safe to do so. Powdered material may form explosive dust-air mixtures. Use non-sparking tools. Extremely slippery when spilled.

## **Section 7: Handling and storage, including how the chemical may be safely used**

### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin and eyes. Wash thoroughly after handling. Take precautionary measures against static discharges. Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors. Avoid generation of dust. Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Keep away from open flames, hot surfaces and sources of ignition. If hot processing this material, ensure adequate ventilation and wear personal protective equipment.

**General hygiene considerations** Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Wash hands before breaks and

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immediately after handling the product.

## Conditions for safe storage, including any incompatibilities

**Storage Conditions** Store in a cool, dry area away from potential sources of heat, open flames, sunlight or other chemicals.

**Recommended storage temperature** Keep at temperatures between 41 and 86 °F / 5 and 30 °C.

**Incompatible materials** Strong oxidizing agents, strong acids, and strong bases.

This material is a scheduled poison and must be stored, maintained and used in accordance with the relevant regulations

## **Section 8: Exposure controls and personal protection**

### Control parameters

#### **Exposure Limits**

Chemical name	Australia
Quartz 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>
Cement, portland, chemicals (Chromium VI reduced) 65997-15-1	TWA: 10 mg/m <sup>3</sup>
Quartz (fine fraction) 14808-60-7	TWA: 0.05 mg/m <sup>3</sup>

OEL as published by Safe Work Australia

### Appropriate engineering controls

**Engineering controls** Ensure that eyewash stations and safety showers are close to the workstation location.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

**Skin and body protection** Long sleeved clothing. Impervious clothing.

**Hand protection** Wear suitable gloves. Impervious gloves. Heat resistant gloves are recommended when handling molten materials. **Solid:** . For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. High efficiency particulate air filter. Recommended filter type: P3.

**Environmental exposure controls** No information available.

## **Section 9: Physical and chemical properties**

### Information on basic physical and chemical properties

**Physical state** Solid  
**Appearance** Powder  
**Color** White  
**Odor** No information available  
**Odor threshold** No information available

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Property	Values	Remarks • Method
pH	No data available	Not applicable
pH (as aqueous solution)	No data available	Insoluble in water
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	No data available	
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Relative vapor density	No data available	
Relative density	1.49 kg/L	
Water solubility	No data available	Cement based products react and solidify in contact with water
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties		Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
Oxidizing properties		No information available
<u>Other information</u>		
Solid content (%)	No information available	
Liquid Density	No information available	
VOC content		No information available

## Section 10: Stability and reactivity

### Reactivity

Reactivity No information available.

### Chemical stability

Stability Stable under normal conditions.

### Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### Possibility of hazardous reactions

Possibility of hazardous reactions Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### Conditions to avoid

Conditions to avoid Extremes of temperature and direct sunlight. To avoid thermal decomposition, do not overheat. Do not add water or other volatile material to molten adhesive. Under dusty conditions avoid all sources of ignition, including sparks and static electricity.

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## Incompatible materials

**Incompatible materials** Strong oxidizing agents, strong acids, and strong bases.

## Hazardous decomposition products

**Hazardous decomposition products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Hydrocarbons.

## **Section 11: Toxicological information**

### Acute toxicity

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. Inhalation of dust in high concentration may cause irritation of respiratory system.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available. Causes serious eye damage. May cause irreversible damage to eyes. Dust contact with the eyes can lead to mechanical irritation.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). Contact with dust can cause mechanical irritation or drying of the skin.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Symptoms</b>	Redness. Burning. May cause blindness. May cause redness and tearing of the eyes.

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000
ATEmix (dermal)	>5000
ATEmix (inhalation-gas)	>20000
ATEmix (inhalation-vapor)	>20
ATEmix (inhalation-dust/mist)	>5

### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz	>2000 mg/kg (Rattus)	-	-
Cement, portland, chemicals (Chromium VI reduced)	-	>2000 Kg/mg (Lapin)	>5 g/m <sup>3</sup> (Rattus)
Calcium diformate	=2650 mg/kg (Rattus)	LD50 > 2000 mg/kg (Rattus) OECD 402	-
Quartz (fine fraction)	>2000 mg/kg (Rattus)	-	-

See section 16 for terms and abbreviations

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** May cause skin irritation. Classification based on data available for ingredients. Causes skin irritation.

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**Serious eye damage/eye irritation** Classification based on data available for ingredients. Causes burns. Causes serious eye damage.

**Respiratory or skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia	European Union	IARC
Quartz 14808-60-7	Carc. 1A		Group 1
Quartz (fine fraction) 14808-60-7	Carc. 1A		Group 1

Legend

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT - single exposure** Dust irritating to respiratory tract. May cause respiratory irritation.

**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## Section 12: Ecological information

### Ecotoxicity

#### Aquatic ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Calcium diformate 544-17-2	RC50 (72h) > 1000 mg/l (Pseudokirchnerella subcapitata)	LC50: >=1000mg/L (96h, Brachydanio rerio)	-	EC50 (48h) > 1000 mg/l (Daphnia magna) EPA-660/3-75-009

### Persistence and degradability

**Persistence and degradability** No information available.

### Bioaccumulative potential

**Bioaccumulation** No information available.

### Mobility



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**Mobility in soil** No information available.

**Mobility** No information available.

**Other adverse effects**

**Other adverse effects** No information available.

## Section 13: Disposal considerations

### Disposal methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## Section 14: Transport information

**ADG** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No information available

## Section 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### National regulations

##### Australia

See section 8 for national exposure control parameters

##### **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

**Poison Schedule Number** 6

#### **Illicit Drug Precursors/Reagents**

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

#### International Inventories

<b>AIC</b>	Listed
<b>NZIoC</b>	Not Listed
<b>ENCS</b>	Not Listed
<b>IECSC</b>	Listed
<b>KECI</b>	Listed
<b>PICCS</b>	Not Listed

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## Legend:

**AIIC** - Australian Inventory of Industrial Chemicals  
**NZIoC** - New Zealand Inventory of Chemicals  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

## International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## Europe

### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

#### **SVHC: Substances of Very High Concern for Authorization:**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

#### **Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)**

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

## Section 16: Any other relevant information

Revision date 03-Apr-2024

### Revision Note

\*\*\*Indicates updated data since last publication.

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
C	Carcinogen		

#### **Section 11: TOXICOLOGICAL INFORMATION**

LD50 (lethal dose)

#### **Section 12: Ecological information**

EC50 (effective concentration)

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**