



1300 129 990

Safety Data Sheet : Crushed Glass

Issue Date: 17th of March, 2017

Section 1 - IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Name: CRUSHED GLASS

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use:

Abrasive applications – abrasive blasting, cleaning, surface preparation.

Details of Manufacturer or Importer:

Abrasive Media Supplies
Unit 6 12 Daintree Drive
Redland Bay QLD 4165

Phone Number: 1300 129 990

Emergency telephone number: 0411 591 001

Section 2 – HAZARDOUS IDENTIFICATION

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified according to the Globally Harmonised System (GHS).

Signal Word Void

Hazard Statements Void

Section 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: This mixture does not contain any notifiable substances.

Hazardous Components: Void

| Non Hazardous Components: | |
|---------------------------|--------------|
| 65997-17-3 | Glass, oxide |

Additional information:

Typical composition:

SiO₂ - 72.8%

Na₂O - 13.7%

CaO - 8.8%

MgO - 4.0%

Fe₂O - 3.12%

SO₃ - 0.26%

Al₂O₃ - 0.1%

K₂O - 0.04%

Note: This product contains no free silica.

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Section 4 – FIRST AID MEASURES

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention.

Symptoms Caused by Exposure:

Inhalation: Dust may cause respiratory irritation.

Skin Contact: Dust may cause skin irritation or abrasion.

Eye Contact: Dust may cause eye irritation and redness and may scratch the cornea or cause other eye damage. Wearing contact lenses while handling this product may increase the risk of injury.

Ingestion: May cause irritation of the gastrointestinal tract.

Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

This material is non-combustible.

Special Protective Equipment and Precautions for Fire Fighters:

Wear Safe Work Australia approved self-contained breathing apparatus and full protective equipment.

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved respiratory protection and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Use vacuum equipment with HEPA filters or wet sweeping/dust suppressant if sweeping is required. Collect in suitable, closed containers for subsequent disposal. Clean up the spill immediately once the site is secured. Avoid generating dust. Do not use compressed air.

Section 7 – HANDLING AND STORAGE

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust. Good housekeeping should be maintained to minimize dust accumulation and generation. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Avoid dust formation. Regularly vacuum enclosed areas where the product is used or install a dust extraction system.

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Section 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Standards:

Nuisance dust:

TWA - 10 mg/m₃ (total dust)

TWA - 2 mg/m₃ (inspirable dust)

| 7631-86-9 Silica | |
|--|---------------------------|
| NES | TWA: 2 mg/m ₃ |
| 1305-78-8 Calcium oxide | |
| WES | TWA: 2 mg/m ₃ |
| 1309-48-4 Magnesium oxide | |
| WES | TWA: 10 mg/m ₃ |
| 1309-37-1 Iron oxide | |
| WES | TWA: 5 mg/m ₃ |
| 1344-28-1 Aluminium oxide (Al₂O₃) | |
| WES | TWA: 10 mg/m ₃ |

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

If using this product as an abrasive blast agent in confined areas, airborne dust levels should be controlled by physical enclosure of the abrasive blasting operation.

Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. For abrasive blasting use a type CE supplied air respirator covering the head, neck and shoulders to provide protection from rebound abrasives. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Leather/pigskin, neoprene or nitrile gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information. (Heavy duty protective suit - full length protective trousers and shirts (or overalls), gloves and foot wear).

Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

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Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form: Angular and sub-angular fine granules.
Colour: Transparent, white or coloured (green or brown).

Odour: Odourless

Odour Threshold: No information available

pH-Value: Not applicable

Melting point/Melting range: 371 °C (softening point)

Initial Boiling Point/Boiling Range: Not applicable

Flash Point: Not applicable

Flammability: Product is not flammable

Auto-ignition Temperature: Not applicable

Decomposition Temperature: No information available

Explosion Limits:

Lower: Not applicable

Upper: Not applicable

Vapour Pressure: Not applicable

Evaporation Rate: Not applicable

Relative Density: 2.53

Vapour Density: Not applicable

Evaporation Rate: Not applicable

Solubility in Water: Insoluble

Solubility in Acid: Insoluble

Partition Coefficient (n-octanol/water): No information available

Viscosity: No information available

Section 10 – STABILITY AND REACTIVITY

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No hazardous decomposition products known.

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Section 11 – TOXICOLOGICAL INFORMATION

Toxicity:

LD₅₀/LC₅₀ Values Relevant for Classification: No information available

Acute Health Effects -

Inhalation: Dust may cause respiratory irritation.

Skin: Dust may cause skin irritation or abrasion.

Eye:

Dust may cause eye irritation and redness and may scratch the cornea or cause other eye damage. Wearing contact lenses while handling this product may increase the risk of injury.

Ingestion: May cause irritation of the gastrointestinal tract.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: No sensitising effects known.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:

This product contains no free silica and so will not cause silicosis. However, prolonged or repeated inhalation may cause irritation and other serious respiratory damage.

Existing Conditions Aggravated by Exposure: Pre-existing respiratory conditions may be aggravated.

Section 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No adverse ecological effects are expected.

Aquatic toxicity: No further relevant information available.

Persistence and Degradability: This product is not persistent in the environment.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

Other adverse effects: No further relevant information available.

Section 13 – DISPOSAL CONSIDERATIONS

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

Section 14 – TRANSPORT INFORMATION

| | |
|------------------------------|---------------|
| UN Number | Not regulated |
| Proper Shipping Name | Not regulated |
| Dangerous Goods Class | Not regulated |
| Packing Group | Not regulated |
| Marine pollutant: | No |

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Section 15 – REGULATORY INFORMATION

| |
|---|
| Australian inventory of Chemical Substances: |
|---|

| | |
|-------------------|---------------------|
| 65997-17-3 | Glass, oxide |
|-------------------|---------------------|

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:

Not Scheduled.

Section 16 – OTHER INFORMATION

Date of Preparation or Last Revision: 17.03.2017

Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percent

LD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used

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