



Safety Data Sheet

Magic Sand

Revision: Number 1
Date 2 December 2019

SECTION 1 Product & Supplier Identification

Product Name	Magic Sand
Other Names	None
Product Code	
Barcode Number	
Recommended Use	A coloured sand that is able to be moulded.
Restrictions on Use	None known
Company	Educational Colours Pty Ltd
ABN	61 005 708 967
Address	2/43 Burgess Road, Bayswater, VIC, Australia 3153
Telephone	+61 3 9729 0788
Supplier Code	
Emergency Phone Number	Australia – 13 11 26 (Poisons Information Centre)

SECTION 2 Hazards Identification

Classification of the hazardous chemical

Physical hazards	Not classified
Health hazards	Not classified
Environmental hazards	Not classified

Label elements, including precautionary statements

Hazard symbols	None
Signal word	None
Hazard Statements	As supplied the mixture does not meet the criteria for classification.

Precautionary statements

Prevention	Observe good industrial hygiene practices.
Response	Wash hands after use.
Storage	Store in well ventilated place. Keep container tightly closed.
Disposal	Dispose of contents and container in accordance with local regulations.

SECTION 3 Ingredient Composition / Information

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Crystalline Silica (Quartz) (not in respirable form)	14808-60-7	> 50%
Non-hazardous components		to 100%

SECTION 4 First Aid Measures

Description of necessary first aid measures

Eye	Immediately rinse with plenty of gently, running water for atleast 15 minutes, carefully lifting eyelids occasionally. Sharp edges may scratch the eye, seek medical attention if symptoms persist.
Skin	Unlikely to occur, however wash off skin thoroughly with water. Shower if necessary. If any symptoms such as irritation arise and/or persist seek medical attention.
Swallowed	Immediately rinse mouth and lips with water. Do not induce vomiting. If any symptoms appear seek medical attention.
Inhalation	Remove affected person to a fresh air or well ventilated area. Seek medical attention.

Personal protection for first aid responders

Ensure medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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Symptoms caused by exposure

Direct contact with eyes may cause irritation and redness.
Inhalation may cause respiratory irritation or breathing difficulties.

Medical attention and special treatment

Provide general supportive measures and treat symptomatically. Keep under observation as symptoms may be delayed. If not already done seek medical attention.

SECTION 5

Fire Fighting Measures

Extinguishing equipment

Suitable Water, fog, foam, dry chemical powder, carbon dioxide. When choosing extinguishing equipment be aware of any potential hazard(s), example electrical.

Unsuitable Anything that could spread the fire and or risk the safety of surrounding personnel.

Specific hazards arising from the chemical

Coloured coating may burn and gases hazardous to health maybe formed.

Specific protective equipment and precautions for fire fighters

Self-contained breathing apparatus (SCBA) and full protective clothing (PPE) must be worn in case of fire.

General fire hazards No unusual fire or explosion hazards known.

SECTION 6

Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away and upwind of spill. Wear appropriate protective equipment during clean up. Keep dust to a minimum. Contain spill to prevent contamination to drains / water ways. Environmental Protection Authority and Local authorities should be contacted if spill cannot be contained. Keeping dust to a minimum collect and seal in properly labelled containers for disposal in accordance with local regulations. Heed advice under Section 8 "Personal Protection".

For emergency responders

Keep unnecessary personnel away and upwind of spill. Wear appropriate protective equipment and clothing during clean up. Contain spill to prevent contamination to drains / water ways. Heed advice under Section 8 "Personal Protection".

Environmental precautions

Avoid discharge to drains, water ways or onto the ground.

Methods and materials for containment and clean up

Large spills – Stop flow of material, if safe to do so. Contain spill where possible and clean up keeping dust to a minimum, a light spray of water can help reduce dust. Collect and seal in properly labelled containers for disposal in accordance with local regulations.

Small spills – Sweep up and keep dust to a minimum.

SECTION 7

Handling & Storage

Precautions for safe handling

Avoid contact with eyes. Use in a well-ventilated area, avoid breathing dust. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in a dry location. Keep containers tightly closed when not in use.

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SECTION 8 Exposure Controls / Personal Protection

Occupational exposure limits

No OEL's noted for this product. However, for individual components,

Crystalline Silica (Quartz) (respirable dust) 14808-60-7 0.1 mg/m³ (TWA)

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to a minimum. Product as supplied is not considered a respirable dust as particles are larger than 10 microns.

Biological limit values

No biological exposure values noted for this product.

Appropriate engineering controls

Use in a well-ventilated area. Provide an eyewash station and safety shower.

Individual protection measures, for example personal protective equipment (PPE)

Eye Wear safety goggles and face shield.

Hygiene measures Use and maintain good industrial hygiene. Always wash hands after use. Routinely wash and maintain safety equipment. Do not eat, smoke or drink when handling this product.

SECTION 9 Physical & Chemical Properties

Appearance	Sand, various colours
Odour	None
pH	Not available
Boiling point	Not available
Flash point	Not available
Flammability	Not flammable
Relative density	Not available
Solubility in water	Not soluble
Partition coefficient	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Specific Gravity	between 2.0 – 2.7

SECTION 10 Stability & Reactivity

Reactivity Product is considered non-reactive under normal conditions of use, storage and transport.

Chemical stability Product is considered stable under normal conditions of use, storage and transport.

Possibility of hazardous reactions

No hazardous reaction known under normal use.

Conditions to avoid Dust generation.

Incompatible materials

None.

Hazardous decomposition

None.

SECTION 11 Toxicological Information

Information on possible routes of exposure

Skin contact Dust may cause skin irritation

Eye contact Dust may be irritating to eyes. Pre-existing conditions may be aggravated

Ingestion May cause mouth and throat irritation.

Inhalation Dust may be irritating to nose, throat and respiratory tract.

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Symptoms related to exposure (Acute)

Dust may irritate eyes and aggravate pre-existing conditions.
Dust may dry out skin and may cause irritation.
Dust may irritate respiratory system and may aggravate pre-existing upper respiratory and lung diseases including asthma and bronchitis.

Symptoms related to exposure (Chronic – long term)

Dust may cause irritation and inflammation of eyes and aggravate pre-existing conditions. Repeated heavy contact with dust may dry out skin and can result in dermatitis. Repeated exposure to the dust may result in increased respiratory secretions and coughing. Inflammation of the lining tissue may also result in an increased risk of bronchitis or pneumonia. Long term occupational exposure or long term inhalation of crystalline silica dust (particle size <10µm) at levels above Workplace exposure standards carries the risk of causing serious and irreversible lung disease including bronchitis and silicosis.

Carcinogenicity

Crystalline silica (quartz component) is carcinogenic in a respirable form (<10µm). Product as supplied has a particle size considerably greater than this. 10µm is not visible to the naked eye and is considered an airborne dust particle.

Reproductive toxicity

This product is not expected to cause reproductive or developmental effects.

Specific Target Organ Toxicity (STOT) – repeated exposure

Repeated exposure to respirable dust may result in increased respiratory secretions and coughing. Inflammation of the lining tissue may also result in an increased risk of bronchitis or pneumonia. Long term occupational exposure or long term inhalation of crystalline silica dust at levels above Workplace exposure standards carries the risk of causing serious and irreversible lung disease including bronchitis and silicosis.

Additional Information

This product does NOT contain,
Egg, dairy, soy, seafood, shellfish, wheat or peanut products, by-products or derivatives.

SECTION 12 Ecological Information

Ecotoxicity No specific data available for this product. However, silica sands pose no ecology risk.

Persistence and degradability
Product is persistent and non-degradable.

Bio accumulative potential
It is not biodegradable and is insoluble.

Mobility in soil Low mobility would be expected in a landfill situation.

SECTION 13 Disposal Considerations

Disposal methods Dispose of this product and any water contaminated with this product in accordance with local regulations.

Contaminated packaging
The container should also be disposed of in accordance with local regulations.

SECTION 14 Transport Information

ADG Not regulated as dangerous goods.
IATA Not regulated as dangerous goods for IATA
IMDG Not regulated as dangerous goods.

Special Precautions No special precautions or requirements for transport

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SECTION 15

Regulatory Information

Safety, health and environmental regulations

This Safety Data Sheet was prepared in accordance with Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Not allocated

AICS All components are listed in the Australian Inventory of Chemical Substances.

SECTION 16

Other Information

Reason for Revision Review and update information in accordance with GHS requirements.

TWA The TWA (Time Weighted Average) exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded even briefly.

SWA Safe Work Australia
ADG Australian Dangerous Goods Code
AICS Australia Inventory of Chemical Substances
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods Code

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Date Printed : 2 December 2019

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