

MATERIAL SAFETY DATA SHEET (RAINBOW SAND)

Revision: Number 1
Date 1 May 2011

SECTION 1 Product & Supplier Identification

Product Name : Rainbow Sand
Other Names : Coloured Sand
Company : Educational Colours Pty Ltd
Address : P.O. Box 657, Croydon, Victoria, Australia 3153
Telephone : (03) 9729-0788 **After Hours :**

USE : Decorative product to be used on various substrates and in different applications.

SECTION 2 Hazards Identification

Not classified as hazardous according to the criteria of Worksafe Australia

Dangerous Goods Class/Subsidiary Risk : None

Safety / Risk Phrases : None

SECTION 3 Ingredient Composition / Information

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
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Silica sand grains and marble chips covered with an acrylic coating containing organic and inorganic pigment.

SECTION 4 First Aid Measures

Swallowed : Give small amounts of water, should symptoms appear seek medical advice.

Eye : Irrigate with copious quantities of water for atleast 15 mins, carefully lift eyelids occasionally. Sharp edges may scratch eye. Seek medical attention if effects persist.

Skin : Unlikely to be required, however wash off with soap and water. Sharp edges may scratch skin. If irritation persists seek medical advice.

Inhalation : Inhalation of product may have irritating effects. Remove affected person to a well ventilated area away from exposure.

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SECTION 5 Fire Fighting Measures

Extinguishing Media : Use CO₂, Dry chemical or water.

Fire / Explosion

Hazards : Product is not combustible. However coating may ignite and burn which may give rise to toxic fumes including oxides of carbon.

Flammability: See above. Coating may burn if exposed to persistent flame.

SECTION 6 Accidental Release Measures

Spills & Disposal : Heed advice under Section 8 "Personal Protection". Contain spill to prevent contamination to drains / water ways. Collect up and place in clearly and properly labelled containers. If unable to be used dispose of in accordance with local regulations.

SECTION 7 Handling & Storage

General : Store in a dry location. Keep containers tightly closed at all times when not in use. Store in clearly labelled containers. Avoid shaking the container as this can generate dust. Open in a ventilated area.

SECTION 8 Exposure Controls / Personal Protection

Exposure Standards : Silica (SiO₂) 0.1mg/m³ respirable dust

Engineering Controls : No special precaution necessary, general ventilation should be sufficient. Avoid generating dust. Where dust may be generated dust extraction is recommended.

Personal Protection : If dust is likely to be generated wear dust proof goggles and impervious gloves. Where an inhalation risk exists wear a Class P1 (Particulate) respirator.

SECTION 9 Physical & Chemical Properties

Appearance : Coloured sand and marble chips

Odour : Odourless

pH : Not applicable

Vapour Pressure : Not applicable

Boiling Point : Not applicable

Melting Point : 825°C (Marble chips) & 1710°C (Sand)

Solubility in water : Insoluble

Specific Gravity : between 2.50 – 2.80

Flammability Limits : Not combustible. Acrylic coating if exposed to persistent flame will burn.

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SECTION 10

Stability & Reactivity

- Chemical Stability :** This product is considered to be stable.
- Conditions to avoid :** No specific data available for this product.
- Incompatible Materials :** Strong oxidising agents and acids.
- Hazardous Decomposition :** If engulfed in fire product may give rise to the release of obnoxious fumes in particular oxides of carbon.
- Hazardous Reactions :** This product will not undergo hazardous polymerisation.

SECTION 11

Toxicological Information

There is no specific toxicity information available for this product. There are no adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms that may arise if the product is mishandled are;

Health Effects - Acute :

- Swallowed :** May cause irritation. Large quantities may result in internal obstruction.
- Eye :** May cause irritation. Sharp edges may cause cuts or scratches.
- Skin :** May cause irritation in some individuals.
- Inhalation of Vapours :** Irritation of mouth, throat and or lungs may occur in some individuals.

Chronic Effects : No known serious effects.

Additional Information : (i) This product contains no egg, dairy, wheat, gluten, fish, soy or peanut products, by-products or derivatives.

(ii) Conforms to relevant Australian, New Zealand and European Standards with regard to Migration of certain elements with in children's toys.

SECTION 12

Ecological Information

- Ecotoxicity :** No specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways. Dispose of contaminant in accordance with local landfill or incineration regulations.
- Persistence / Degradation :** No specific data available.
- Mobility :** No specific data available.

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SECTION 13

Disposal Considerations

Disposal Methods :	Dispose of this product and any water contaminated with this product in accordance with local regulations. The container in which the product is / was contained should also be disposed of in accordance with local regulations.
Landfill / Incineration Precautions :	Disposal of contaminant should be in accordance with local regulations for approved landfill or incineration.

SECTION 14

Transport Information

U.N. Number :	None allocated
Shipping Name :	None allocated
D.G. Class & Sub Risk :	None allocated
Packing Group :	None allocated
Special Precautions :	No special precautions for transport
Hazchem Code :	None allocated

SECTION 15

Regulatory Information

Poisons Schedule : None allocated

Additional Requirements : None

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

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