

SECTION 1 Product & Supplier Identification

| | |
|------------------------|--|
| Product Name | Bokundo Marbling Set |
| Other Names | Marbling Ink |
| Product Code | EC1033 |
| Recommended Use | Decorating (Marbling) paper, cloth, leather, wood, etc. None |
| Restrictions on Use | known |
| Company | Modern Teaching Aids Pty Ltd |
| ABN | 98 000 628 786 |
| Address | Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100 |
| Telephone | 1800 251 497 |
| Supplier Code | |
| Emergency Phone Number | Australia – 13 11 26 (Poisons Information Centre) New Zealand – 0800 764 766 (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 | 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> |
|--------------------------|----------------|-----------------------------|
| Diethylene Glycol | 111-46-6 | <4% |
| Non-hazardous components | | to 100 % |

SECTION 4 First Aid Measures

Description of necessary first aid measures

| | |
|------------|--|
| Eye | Irrigate with copious quantities of water for atleast 15 minutes, lifting eyelids occasionally. Seek medical attention. |
| Skin | Wash off with soap and water. If any symptoms arise seek medical attention. |
| Inhalation | Move to a well-ventilated area. Seek medical attention if symptoms persist. |
| Swallowed | Rinse mouth with water. Give water to drink. Seek medical attention. |

Personal protection for first aid responders

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

Symptoms caused by exposure

If swallowed may be problematic to various organs, including kidneys and liver.

Medical attention and special treatment

Provide general supportive measures and treat symptomatically. Keep under observation as symptoms may be delayed. Seek medical attention or contact local Poisons Information Centre (Australia 13 11 26, New Zealand 0800 764 766).

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

This product is water based and does not burn. It may however support combustion when the water has been removed 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.

Hazchem Code Not available.

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. Wear appropriate protective equipment during clean up. Contain spill to prevent contamination to drains / water ways. Local authorities should be contacted if spill cannot be contained. Collect and seal in labelled containers for disposal in accordance with local regulations. Heed advice under Section 8 "Personal Protection".

For emergency responders

Keep unnecessary people away. 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 – If safe to do so stop flow of material. Contain and absorb spill in sand, vermiculite, dry earth or other inert absorbent material. Collect and seal in properly labelled containers for disposal in accordance with local regulations.

Small spills – Wipe / clean up with absorbent material, e.g. cloth.

SECTION 7

Handling & Storage

Precautions for safe handling

Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in a cool location away from direct sunlight and sources of heat. Keep containers tightly closed when not in use. Store in clearly labelled containers.

SECTION 8 Exposure Controls / Personal Protection

Occupational exposure limits (OEL's)

No OEL's noted for this specific product. However, for individual components,
 Diethylene Glycol 111-46-6 100 mg/m³(TWA)

Biological limit values

No biological exposure values noted for this product.

Appropriate engineering controls

Use in a well-ventilated area. If required use local exhaust ventilation.

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

Eye protection Wear safety goggles.

Skin protection Wear impervious gloves.

Hygiene measures Observe good industrial hygiene. Always wash hands after use. Do not eat, smoke or drink when handling this product.

SECTION 9 Physical & Chemical Properties

| | |
|----------------------------------|--------------------------------|
| Appearance | Coloured liquid |
| Odour | Slight odour |
| Odour threshold | Not available |
| pH | Not available |
| Melt point / freeze point | Not available |
| Boiling point | Approx. 100°C |
| Flash point | Not available |
| Flammability | Not flammable (In liquid form) |
| Vapour Pressure | Not available |
| Vapour Density | Not available |
| Relative density | Not available |
| Solubility in water | Soluble |
| Specific Gravity | between 1.03 – 1.05 (20°C) |

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 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 including oxides of carbon.

SECTION 11 Toxicological Information

Information on possible routes of exposure

Inhalation No adverse effects expected due to inhalation.

Skin contact Minor irritation may be expected in some individuals.

Eye contact Minor irritation may be expected in some individuals.

Ingestion Minor irritation may be expected in some individuals.

Symptoms related to exposure

Skin contact - symptoms may include redness.
 Eye contact - symptoms may include stinging and redness.
 Ingestion – symptoms may include kidney or liver problems.

Acute No specific data available.

Skin corrosion / irritation

Prolonged skin contact may cause minor irritation in some individuals.

Serious eye damage / irritation

May cause minor irritation in some individuals.

Respiratory or skin sensitisation

Not a respiratory sensitizer.
 Not expected to cause skin sensitisation.

Carcinogenicity No data available.

Reproductive toxicity

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

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 is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways. Sufficient measures should be taken to retain the water used in extinguishing any fires involving this product. Dispose of contaminant in accordance with local landfill or incineration regulations.

Persistence and degradability

No specific data available.

Bio accumulative potential

No specific data available.

Mobility in soil

No specific data available.

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 in which the product is/was contained should also be disposed of in accordance with local regulations.

SECTION 14

Transport Information

ADG

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Special Precautions No special precautions or requirements for transport

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

5 year review and update of 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.

ADG

Australian Dangerous Goods Code

AICS

Australia Inventory of Chemical Substances

IMDG

International Maritime Dangerous Goods Code

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