



# Safety Data Sheet

## Mod-Wrap

Revision: Number 4  
Date 18 April 2017

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### SECTION 1 Product & Supplier Identification

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**Product Name** Mod-Wrap  
**Other Names** None  
**Product Code** MW...  
**Barcode Number**  
**Recommended Use** Moulding bandage designed to be mixed with water for arts and crafts.  
**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)

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### SECTION 2 Hazards Identification

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#### 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.

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### SECTION 3 Ingredient Composition / Information

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<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Non-hazardous components		to 100 %

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### SECTION 4 First Aid Measures

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#### Description of necessary first aid measures

**Eye** Irrigate with copious quantities of water for at least 15 minutes, lifting eyelids occasionally. Seek medical attention.  
**Skin** Remove any contaminated clothing and 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. Do not induce vomiting. Seek medical attention.

# Mod-Wrap

## Safety Data Sheet

### 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

Inhalation	May cause respiratory irritation and coughing.
Skin	May cause burns, irritation, redness, pain and rash.
Eye	May cause eye irritation, tearing, pain and redness.
Swallowed	May cause gastrointestinal irritation, nausea, vomiting, headache and diarrhoea

### Medical attention and special treatment

Drinking large volumes of water may delay the hardening of this product in the stomach. Surgical relief of obstruction may be required.

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## SECTION 5

### Fire Fighting Measures

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#### 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

No explosion hazard exists. May evolve gases hazardous to health.

#### 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.

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## SECTION 6

### Accidental Release Measures

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#### Personal precautions, protective equipment and emergency procedures

##### For non-emergency personnel

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. Local authorities should be contacted if spill cannot be contained. Collect and seal in clearly and properly labelled containers for disposal in accordance with local regulations. Heed advice under Section 8 "Personal Protection".

##### For emergency responders

Keep unnecessary people away. Wear appropriate dust/particulate respirator and full protective clothing. Do not breath dust and ensure adequate ventilation. Avoid generating dust. 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 – Avoid or minimise dust. Use industrial vacuum to clean up spill. If vacuuming is not practical then wet mop is acceptable. Collect and seal in a bag or container that prevents fibre or dust emission and properly label for disposal in accordance with local regulations.

Small spills – Clean up with wet cloth or mop.

# Mod-Wrap

## Safety Data Sheet

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### SECTION 7

### Handling & Storage

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#### Precautions for safe handling

Wear appropriate personal protective equipment. DO NOT attempt enclosed casting of body parts, that is hands, fingers, toes etc. This product when mixed with water for setting gives off heat, which may result in skin burns. Observe good industrial hygiene practices to avoid skin or eye contact and inhalation of dust. Use equipment that helps to minimise dust. Any equipment that does generate dust, needs to have exhaust extraction or other effective local extraction. Work areas should be cleaned regularly to remove any build-up of fibres and/or dust. Always wash hands after use. Do not eat, smoke or drink when handling this product.

#### Conditions for safe storage, including any incompatibilities

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

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### SECTION 8

### Exposure Controls / Personal Protection

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#### Occupational exposure limits (OEL's)

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

Carbonic acid, calcium salt                      471-34-1                      10 mg/m<sup>3</sup>(TWA)

Calcium sulfate                                      7778-18-9                      10 mg/m<sup>3</sup>(TWA)

(Calcium Sulfate - This value is for inhalable dust containing no asbestos and < 1% crystalline silica.)

#### 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. Provide an eyewash station.

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

##### Eye protection

Wear safety goggles that protect against dust.

##### Skin protection

Wear impervious gloves.

##### Respiratory protection

Wear an appropriate dust mask that meets relevant Australian standards. The mask should protect against mechanically generated particulates for example silica.

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

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### SECTION 9

### Physical & Chemical Properties

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Appearance	White solid sheet
Odour	None
Odour threshold	Not available
pH	7.0 – 8.5
Melt point / freeze point	Not available
Flash point	Not available
Flammability	Not flammable
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	1.0 g/cm <sup>3</sup> – 1.1 g/cm <sup>3</sup>
Solubility in water	Low (< 3%)
Specific Gravity	Not available

# Mod-Wrap

## Safety Data Sheet

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### SECTION 10

### Stability & Reactivity

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

**Chemical stability** Product is considered stable at ambient temperature and under normal conditions of use.

**Possibility of hazardous reactions**  
Hazardous polymerisation will not occur.

**Conditions to avoid** None known.

**Incompatible materials**  
Strong acids.

**Hazardous decomposition**  
If in a fire obnoxious fumes including oxides of carbon may be produced.

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### SECTION 11

### Toxicological Information

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#### Information on possible routes of exposure

**Inhalation** Minor irritation may be expected in some individuals.

**Skin contact** Minor irritation may be expected in some individuals.

**Eye contact** Minor irritation may be expected in some individuals.

**Ingestion** May cause irritation in some individuals.

#### Acute Health Effects

**Inhalation** May cause respiratory irritation and coughing.

**Skin** May cause burns, irritation, redness, pain and rash.

**Eye** May cause eye irritation, tearing, pain and redness.

**Ingestion** May cause gastrointestinal irritation, nausea, vomiting, headache and diarrhoea

#### 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

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

**Carcinogenicity** Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as a Group 1 – Carcinogenic to humans.

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

#### Reproductive toxicity

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

#### Chronic Health Effects

The prolonged and repeated exposure (by inhalation) to respirable (crystalline) silica causes silicosis, a debilitating lung disease.

#### Additional Information

This product does NOT contain,

Egg, dairy, soy, seafood, shellfish, wheat or peanut products, by-products or derivatives.

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### SECTION 12

### Ecological Information

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**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.

# Mod-Wrap

## Safety Data Sheet

### Persistence and degradability

No specific data available.

### Bio accumulative potential

No specific data available.

### Mobility in soil

No specific data available.

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## SECTION 13

### Disposal Considerations

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**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.

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## SECTION 14

### Transport Information

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**ADG** Not regulated as dangerous goods.

**IMDG** Not regulated as dangerous goods.

**Special Precautions** No special precautions or requirements for transport

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## SECTION 15

### Regulatory Information

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### 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.

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## SECTION 16

### Other Information

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**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.

**ADG** Australian Dangerous Goods Code  
**IMDG** International Maritime Dangerous Goods Code

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END MSDS

Page 5 of 5