

## SECTION 1 Product & Supplier Identification

Product Name	Fun Dye (Powder)
Other Names	EC1016   EC1017   EC1018   EC1019   EC1020   EC1021   EC1022
Product Code	
Barcode Number	
Recommended Use	Dyeing of paper, fabric (not permanent), wood, etc.
Restrictions on Use	NOT for food use.
Company	<b>Modern Teaching Aids Pty Ltd</b>
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 Australia (24 hours)

## 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>
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Contains the following food dyes,

Yellow Food Yellow 4 (E102, C.I. 19140)  
Red Food Red 7 (E124, C.I. 16255)  
Blue Food Blue 2 (E133, C.I. 42090) & Food Red 7  
Green Food Blue 2 & Food Yellow 4  
Orange Food Red 7 & Food Yellow 4  
Purple Food Red 2 (E123, C.I. 16185) & Food Blue 2  
Black Food Blue 2, Food Red 2 & Food Yellow 4  
Turquoise Food Blue 2, Food Yellow 4 & Food Red 2

## SECTION 4 First Aid Measures

### Description of necessary first aid measures

Eye	Rinse immediately with lukewarm, gently flowing water for at least 15 minutes, lifting eyelids occasionally, or until product is removed. Seek medical attention.
Skin	Gently brush away excess powder. Irritation is unlikely, but some dyes may temporarily stain skin. If any symptoms arise seek medical attention.

# Fun Dye (Powder)

## Safety Data Sheet

<b>Inhalation</b>	Move to a well ventilated area. Seek medical attention if symptoms persist.
<b>Swallowed</b>	Rinse mouth thoroughly with water. Give water to drink. Do not induce vomiting. Seek medical attention if symptoms persist.

### 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

Eyes -	may cause irritation in some individuals.
Skin -	may cause minor irritation.
Inhalation -	may cause irritation.
Ingestion -	may cause nausea and vomiting.

### Medical attention and special treatment

Provide general supportive measures and treat symptomatically. Keep under observation as symptoms may be delayed. Seek medical attention if symptoms persist.

## SECTION 5

### Fire Fighting Measures

#### Extinguishing equipment

<b>Suitable</b>	Water, fog, foam, dry chemical powder, carbon dioxide. When choosing extinguishing equipment be aware of any potential hazard(s), example electrical.
<b>Unsuitable</b>	Anything that could spread the fire and or risk the safety of surrounding personnel.

#### Specific hazards arising from the chemical

There is no risk of explosion from this product under normal circumstances if involved in a fire. This product, if scattered, may form flammable or explosive dust clouds in air. Fire decomposition products from this powder may be toxic if inhaled.

#### 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.

<b>Hazchem Code</b>	Not available.
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**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. If there is a chance of dust build up wear a suitable dust mask. Contain spill to prevent contamination to drains / water ways. Local authorities should be contacted if spill cannot be contained. Collect and seal in clearly 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 and contain spill. Keep dust generation to a minimum, if possible, use a vacuum to clean spill. Collect and seal in clearly labelled containers for disposal in accordance with local regulations.  
Small spills – Wipe / clean up with damp cloth or mop.  
Never return spills to original container for re-use.

### 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 dry, cool, sheltered location away from direct sunlight and sources of heat. Keep containers tightly closed at all times 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 product.

#### Biological limit values

No biological exposure values noted for this product.

#### Appropriate engineering controls

This product should only be handled where there is fresh air or adequate ventilation.

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

##### Eye protection

Wear safety goggles.

##### Skin protection

Wear impervious gloves.

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

### SECTION 9

### Physical & Chemical Properties

Appearance	Coloured, fine powder
Odour	No odour
Odour threshold	Not available
pH	Not available
Melt point / freeze point	Not available
Boiling point	Not available
Flash point	Not available
Flammability	Not flammable
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	Not available
Solubility in water	Soluble
Specific Gravity	between 1.00 – 1.10

### SECTION 10

### Stability & Reactivity

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

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

#### Possibility of hazardous reactions

No hazardous reaction known under normal use.

**Conditions to avoid** Direct sunlight and moisture.

**Incompatible materials**

Strong acids and bases, oxidising agents.

**Hazardous decomposition**

Combustion can form oxides of carbon, nitrogen and sulphur. Most will have an unpleasant odour.

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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** Expected to be low ingestion hazard.

**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.

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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.

**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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<b>ADG</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Special Precautions</b>	No special precautions or requirements for transport. This product is not classified as dangerous for carriage

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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

<b>AICS</b>	All components are listed in the Australian Inventory of Chemical Substances.
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### SECTION 16 Other Information

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<b>Reason for Revision</b>	5 year review and update of information in accordance with GHS requirements.
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<b>ADG</b>	Australian Dangerous Goods Code
<b>AICS</b>	Australia Inventory of Chemical Substances
<b>IMDG</b>	International Maritime Dangerous Goods Code

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