

Version 3.0

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SDS Record Number: CSSS-TCO-010-119808

**1. Identification**

**GHS product identifier:** Biodegradable Glitter Powder  
**Identification of the product:** See section 3  
**Recommended use:** Not available  
**Recommended Restrictions:** Not available  
**Details of the supplier of the safety data sheet:**  
**Supplier(Manufacturer):** Modern Teaching Aids Pty Ltd  
**Address:** 98 000 628 786  
**Contact person(E-mail):** Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100  
**Telephone:** Australia - 1800 251 497 New Zealand - 0800 808 044  
**Fax:**  
**Emergency number:** Australia – 13 11 26 (Poisons Information Centre)

**2. Hazards identification**

**GHS classification:**  
**Physical hazards:** Not classified  
**Health hazards:** Not classified  
**Environmental hazards:** Not classified  
**GHS label elements:**  
**Hazard Pictogram :** No hazard pictogram is used.  
**Signal word:** No signal word is used.  
**Hazard statement:** Not applicable.  
**Precautionary statement:**  
**Prevention:** Not applicable.  
**Response:** Not applicable.  
**Storage:** Not applicable.  
**Disposal:** Not applicable.  
**Specific hazards:** Not applicable

**3. Composition/information on ingredients**

Chemical Name	CAS No.	EC No.	Concentration 比例	Symbol
Rayon(cellulose regenerated)	9004-34-6	232-674-9	93.5%-97.9%	no hazardous substance
Glycerin(plant derived)	56-81-5	200-289-5	1.9%	no hazardous substance
Aluminum Powder	7429-90-5	231-072-3	0.1%	no hazardous substance
Epoxy Resin	61788-97-4	N/A	0-3.2%	no hazardous substance
D & C RED NO. 17	85-86-9	201-638-4	0-1.3%	
Yellow 83	5567-15-7	226-939-8		
Blue 15	147-14-8	205-685-1		
Black 7	1333-86-4	215-609-9		

#### 4. First aid measures

##### Description of necessary first-aid measures:

<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.
<b>Skin:</b>	In case of contact, immediately wash skin with soap and copious amounts of water.
<b>Eye:</b>	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
<b>Ingestion:</b>	If swallowed, wash out mouth with water provided person is conscious. Call physician.
<b>Most important symptoms and effects, both acute and delayed:</b>	The product is not classified as harmful to human health effect.
<b>Indication of immediate medical attention and special treatment needed, if necessary:</b>	Treat symptomatically.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media:</b>	Water, carbon dioxide, foam, dry chemical powder.
<b>Unsuitable extinguishing media:</b>	Not available.
<b>Specific hazards arising from the chemical:</b>	During fire, carbon monoxide may be formed.
<b>Protective equipment and precautions for firefighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. In the event of fire, cool tanks with water spray.

#### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures:</b>	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
<b>Environmental precautions:</b>	Avoid discharge into drains, water courses or onto the ground.
<b>Methods and materials for containment and cleaning up:</b>	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

#### 7. Handling and storage

<b>Precautions for safe handling:</b>	Do not breathe dust. Avoid contact with eyes, skin, and clothing.
<b>Conditions for safe storage, including any incompatibilities:</b>	Keep tightly closed. Store in a cool dry place. Keep away from heat and flammable substances.

#### 8. Exposure controls/personal protection

<b>Control parameters:</b>	Rayon(cellulose regenerated)(CAS#68442-85-3) Aluminium(CAS#7429-90-5)
<b>Appropriate engineering controls:</b>	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
<b>Personal protective equipment:</b>	
<b>Eye/face protection:</b>	Wear safety glasses.
<b>Skin protection:</b>	Wear protective clothing.

**Respiratory protection:**  
**Hand protection:**

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Wear cotton, canvas or leather gloves.

## 9. Physical and chemical properties

### Appearance:

<b>Physical state:</b>	Solid
<b>Form:</b>	Biodegradable Glitter Powder
<b>Color:</b>	A variety of colors
<b>Odor:</b>	Mild odor
<b>Odour threshold:</b>	Not available
<b>PH:</b>	Not available
<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas) :</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	Not available
<b>Relative density:</b>	Not available
<b>Solubility (H<sub>2</sub>O) :</b>	Not available
<b>Partition coefficient (n-octanol/water) :</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Molecular weight:</b>	Not available
<b>Molecular formula:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Specific gravity:</b>	>1(water=1)

## 10. Stability and reactivity

<b>Reactivity:</b>	The substance is stable under normal storage and handling conditions.
<b>Chemical stability:</b>	Material is stable under normal conditions
<b>Possibility of hazardous reactions:</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid:</b>	Contact with incompatible materials. Avoid high temperature.
<b>Incompatible materials:</b>	Strong acid, strong alkali.
<b>Hazardous decomposition products:</b>	Carbon monoxide, acrolein and other aldehydes.

## 11. Toxicological information

### Toxicological data:

<b>Toxicological information:</b>	Occupational exposure to the substance or mixture may cause adverse effects.
<b>Acute toxicity:</b>	
<b>LD50(Oral, Rat):</b>	Not available.
<b>LD50(Dermal, Rabbit):</b>	Not available.

<b>LC50(Inhalation, Rat):</b>	Not available.
<b>Skin corrosion/Irritation:</b>	Not classified
<b>Serious eye damage/irritation:</b>	Not classified
<b>Respiratory or skin sensitization:</b>	Not classified
<b>Germ cell mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified
<b>Reproductive toxicity:</b>	Not classified
<b>STOT-single exposure:</b>	Not classified
<b>STOT-repeated exposure:</b>	Not classified
<b>Aspiration hazard:</b>	Not classified
<b>Other information</b>	This product has no known adverse effect on human health.

## 12. Ecological information

### Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

<b>Persistence and degradability:</b>	No data is available on the degradability of this product.
<b>Bio accumulative potential:</b>	No data available.
<b>Mobility in soil:</b>	No data available.
<b>Other adverse effects:</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

<b>Disposal methods:</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
<b>Waste from residues/unused products:</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging:</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### ADR

<b>UN number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels required</b>	Not regulated
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>UN number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard class</b>	Not regulated

<b>Packing group</b>	Not regulated
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>UN number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Environmental hazards</b>	Not regulated
<b>Marine pollutant</b>	No
<b>EmS</b>	Not regulated
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>UN number</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels required</b>	Not regulated
<b>Special precautions</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>ADR; IATA; IMDG; RID</b>	No information available
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:</b>	No information available

## 15. Regulatory information

### Inventory status:

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Not available
Canada	Domestic Substances List (DSL)	Not available
Canada	Non-Domestic Substances List (NDSL)	Not available
China	Inventory of Existing Chemical Substances in China (IECSC)	Not available
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Not available
Europe	European List of Notified Chemical Substances (ELINCS)	Not available
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Not available
Korea	Existing Chemicals List (ECL)	Not available
New Zealand	New Zealand Inventory	Not available
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Not available

United States & Puerto Rico

Toxic Substances Control Act(TSCA) Inventory

Not available

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Animal testing

Product manufactured for Baolai all glitter range are not tested on animals, nor are third parties contracted to undertake any animal testing.

## 17. Product origin/Vegetarians and vegans/BSE

Baolai glitter series are manufactured entirely from eco-friendly materials and do not contain any animal derivatives. Therefore there are no associated risks from the transmissible spongiform encephalopathies family of disease, the most commonly known of these being bovine spongiform encephalopathy(BSE)

## 18. Other information

<b>Indication of changes:</b>	Version 1.0 Amended by GHS rev 4
<b>Training instructions:</b>	Not applicable.
<b>Further information:</b>	This information is based upon the present state of our knowledge. This MSDS has been compiled and is solely intended for this product.
<b>Notice to reader:</b>	Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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