

# Safety Data Sheet

Version 1.0

Document ID: 20051301-01

Revision date: 2020-05-13

---

## SECTION 1:

### IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

---

1.1 **Product identifier**

Product identifier: Kinetic-Sand

Description:

Non-aqueous modelling compound of various colors.

1.2 **Relevant identified uses of the substance or mixture and uses advised against**

A product for usage in manufacturing of toys and educational products

1.3 **Details of the distributor of the substance or mixture**

Modern Teaching Aids Pty Ltd  
Level 1, 122-126 Old Pittwater Road  
Brookvale, NSW, Australia 2100  
Phone: 1800 251 497

1.4

**Emergency telephone number**

Australia – 13 11 26 (Poisons  
Information Centre)

## SECTION 2:

### HAZARD IDENTIFICATION

---

2.1 **Classification of the substance or mixture**

**Classification (EC) 1272/2008**

No dangerous substance or mixture

2.2 **Label elements**

**Labelling (EC) 1272/2008**

No dangerous substance or mixture

2.3 **Other hazards**

None known

**SECTION 3:  
COMPOSITION/INFORMATION ON INGREDIENTS**

3.1	Mixture	Cas-no/EC-no	Concentration. %	CLP
	Quartz sand	14808-60-7	>90	Not classified
	Polydimethyl siloxane	Trade secret	<5	
	Pigment(s)	Trade secret	<4	

Specific chemical identity and exact percentage (concentration) of composition has been withheld as a trade secret

No hazardous ingredients

**SECTION 4:  
FIRST AID MEASURES**

4.1	<b>Description of first aid measures</b>	
	<b>Eye contact</b>	Flush with large amount of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.
	<b>Skin contact</b>	Wash with soap and water. No need for first aid is anticipated.
	<b>Inhalation</b>	Not applicable
	<b>If swallowed</b>	Rinse mouth thoroughly. Contact physician if larger quantity has been consumed. Get medical attention if any discomfort continues.
4.2	<b>Most important symptoms and effects, both acute and delayed</b>	No known chronic or acute health risks.
4.3	<b>Indication of any immediate medical attention and special treatment required</b>	Hazards: None known. Treatment: Treat symptomatically.

**SECTION 5:  
FIRE FIGHTING MEASURES**

5.1	<b>Extinguishing media</b>	Water spray. Dry chemical. Carbon Dioxide. Sand.
5.2	<b>Special hazards arising from the substance or mixture</b>	No
5.3	<b>Advice for fire fighters</b>	No unusual fire or explosion hazards are anticipated. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

---

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
Not applicable
- 6.2 **Environmental precautions**  
Not applicable
- 6.3 **Methods and material for containment and cleaning up**  
Collect and reclaim or dispose. see section 13
- 6.4 **Reference to other sections**  
For personal protection see section 8. For waste disposal considerations see section 13.

## SECTION 7: HANDLING AND STORAGE

---

- 7.1 **Precautions for safe handling**  
Handle in accordance with good industrial hygiene and safety practice.  
**Precautions against fire and explosion:**  
Observe the general rules for fire prevention.
- 7.2 **Conditions for safe storage including any incompatibilities**  
Store in a dry and cool area. Keep containers closed to avoid contamination.
- 7.3 **Specific end use(s)**  
Normal room temperature and moisture levels are recommended for end user.

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

---

- 8.1 **Control parameters**  
Contains no substances with occupational exposure limits
- 8.2 **Exposure controls/Engineering controls**  
No exposure limits
- Exposure in the work place limited and controlled**  
**General protection and hygiene measures:**  
Avoid contact with eyes.  
Do not eat, drink or smoke when handling.
- Personal protection equipment:**  
**Respiratory protection**  
Not required
- Hand/Skin protection**  
Not required
- Eye protection**  
Not required

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

---

9.1	<b>Information on basic physical and chemical properties</b>
8.2	<b>Exposure controls/Engineering controls</b>
	<b>Physical state:</b> Solid.
	<b>Odor:</b> Odorless
	<b>Color:</b> Various
	<b>Melting point:</b> No data available
	<b>Boiling point:</b> Not applicable
	<b>Flammability (solid/gas):</b> Not classified
	<b>Explosive properties:</b> Not applicable
	<b>Oxidizing properties:</b> Not applicable
	<b>Flash point:</b> >200°C
	<b>Autoignition temperature:</b> No data available
	<b>Lower Flammable/Explosive Limit(LEL):</b> Not applicable
	<b>Upper Flammable/Explosive Limit(UEL):</b> Not applicable
	<b>Vapor pressure:</b> Not applicable
	<b>Relative density:</b> Approx. 1,6g/ml
	<b>Water solubility:</b> Partly
	<b>Viscosity:</b> Not applicable
9.2	<b>Other information</b>
	None

## SECTION 10: STABILITY AND REACTIVITY

---

10.1	<b>Reactivity</b>
	This material is considered to be non-reactive under normal storage conditions
10.2	<b>Chemical stability</b>
	This material is considered to be stable under normal storage conditions
10.3	<b>Possibility of hazardous reactions</b>
	None known
10.4	<b>Conditions to avoid</b>
	None known
10.5	<b>Incompatible materials</b>
	None known
10.6	<b>Hazardous decomposition products</b>
	None known

---

**SECTION 11:**  
**TOXICOLOGICAL INFORMATION**

---

- 11.1 **Acute toxicity**  
Based on available data no oral or dermal toxicity effects are to be expected after single exposure.
- 11.2 **Skin corrosion/irritation**  
Based on available data none irritating.
- 11.3 **Serious eye damage/eye irritation**  
Based on available data small mechanical eye irritation may occur.
- 11.4 **Respiratory or skin sensitization**  
Based on available data the effect is expected to be none respiratory or skin sensitization.
- 11.5 **Germ cell mutagenicity**  
For this endpoint no toxicological test data is available for the whole product.
- 11.6 **Carcinogenicity**  
For this endpoint no toxicological test data is available for the whole product.
- 11.7 **Reproductive toxicity**  
For this endpoint no toxicological test data is available for the whole product.
- 11.8 **Specific target organ toxicity (single exposure)**  
For this endpoint no toxicological test data is available for the whole product.
- 11.9 **Specific target organ toxicity (repeated exposure)**  
For this endpoint no toxicological test data is available for the whole product.
- 11.10 **Aspiration hazard**  
For this endpoint no toxicological test data is available for the whole product.
- 

---

**SECTION 12:**  
**ECOLOGICAL INFORMATION**

---

- 12.1 **Toxicity**  
Product is not harmful for aquatic organisms. The assessment is done upon the data given in the SDS for each substance/mixture used in this product.
- 12.2 **Persistence and degradability**  
Product is not biodegradable. Separated by sedimentation
- 12.3 **Bio accumulative potential**  
Bioaccumulate potential is unlikely. The assessment is done upon the data given in the SDS for each substance/mixture used in this product.
- 12.4 **Mobility in soil**  
Separated by sedimentation
- 12.5 **Results of the PBT and vPvB assessment**  
No known data
- 12.6 **Other adverse effects**  
No information available
-

---

**SECTION 13:****DISPOSAL CONSIDERATIONS**

---

**13.1 Waste treatment methods**

Recommendation: Material that is not used and that cannot be recycled, must be waste treated by an authorized company according to local regulations.

**13.2 Uncleaned packaging**

Containers may be re-used or recycled.  
Observe local/state/federal regulations.

---

**SECTION 14:****TRANSPORT INFORMATION**

---

**14.1 UN number; UN proper shipping name; transport hazard class(es); packing Group**

Not dangerous goods for ADR(road), RID(railway), IMDG(sea) and ICAO/IATA(flight)

**14.2 Environmental hazards**

Not hazardous to the environment.

**14.3 Special precautions for user**

Not classified as dangerous in the meaning of transport regulations.  
Relevant information in other sections have to be considered.

**14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not regulated

---

**SECTION 15:****REGULATORY INFORMATION**

---

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 649/2012 of the European Parliament and of the Council on the export and import of hazardous chemicals is not applicable

**15.2 Chemical safety assessment**

No chemical safety assessment has been made for this product according to Regulation (EC) No. 1272/2008 (Classification).

**15.3 Safety data sheet**

This product does not require a Safety Data Sheet according to Article 31 of Regulation (EC) No. 1907/2006.

---

**SECTION 16:****OTHER INFORMATION**

---

**16.1 Material**

The information in this document is based on the state of our knowledge at the time of revision. It does not constitute an assurance of the described product properties in terms of statutory warranty requirements.

This information should be used to make an independent determination of the methods to safeguard workers and the environment.

---