

SAFETY DATA SHEET

Hydrophobic Sand

Issue Date: 1 March 2019

SDS# 1700-3

IDENTIFICATION OF MATERIAL & SUPPLIER

Product Name	Hydrophobic Sand
Chemical Family	Silica quartz sand
Emergency Telephone	+61 (0)405705009 or Poison Information 13 11 26
Company	EduScience Pty Ltd ABN 20167720470 111 Forsyth Road, Truganina VIC 3029 Australia
Other names	Magic sand

HAZARDS IDENTIFICATION

Hazard	Non hazardous substance
Classification	Non-dangerous goods
Product conforms to Toy Safety Standard, EN71	

COMPOSITION / INFORMATION OF INGREDIENTS

Name	CAS	Proportion
Silica quartz sand	15468-32-3	95.4 %
Siloxane fluid	63148-57-2	0.5 %
Acrylic resin, water soluble	25767-39-9	3.6 %
Pigment		0.5 %
Green	Yellow CI no #21108	75%
	Blue CI no #74160	25%
Red	CI no #15850	100%
Blue	CI no #74160	100%

FIRST AID

Not expected to present any significant symptoms or risk effects under anticipated conditions of normal use.

Skin irritation	No adverse health hazard risks presented
Eye contact	Immediately flush with running water. Seek medical attention if irritation persists.
Inhalation	No inhalation dangers presented
Ingestion	No adverse effects expected with swallowing of small quantity. If larger amounts were ingested, seek medical attention.

FIRE FIGHTING MEASURES

Flash Point	N/A
Extinguishing Media	Use water, carbon dioxide, foam or dry chemicals
Special precautions	None
Special Protective Equipment	None
	May emit carbon monoxide. Use protective clothing.

ACCIDENTAL RELEASE

Sweep up spill and dispose.

HANDLING AND STORAGE

Storage	Store in a well-ventilated place
Handling	No special requirements. Sweep up any spills.

PERSONAL PROTECTION

Respiratory Protection	No special protection required
Protective Gloves	No special protection required
Eye Protection	No special protection required
Skin/Body Protection	No special protection required

PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour	Coloured sand grains
Odor	None
pH	N/A
Melting Point	N/A
Flash Point	N/A
Auto ignition	N/A

STABILITY

Stability	Stable
Polymerisation	Will not occur
Conditions to avoid	High temperatures above 220°C may cause decomposition of siloxanes
Incompatible Material	Strong oxidising agents

TOXICOLOGICAL INFORMATION

Inhalation	Non toxic by inhalation
Dermal	Non toxic
Oral	Non toxic

ECOLOGICAL

Considered non toxic to the aquatic environment

DISPOSAL

Dispose of sand in land-fill waste bin
Do not wash down drain as sand may block drains

REGULATORY

Poisons Schedule	Not regulated
Hazard Category	Non hazardous / Non hazardous waste

IMPORTANT ADVICE: This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact EduScience / Prof Bunsen Science at numbers above.

End of SDS