Micador Quicksand

1. Product Identifier & Identity for the Chemical

Product name	**Micador Quicksand**	
	Blue MMMQS450B	Yellow MMMQS450Y
	Green MMMQS450G	Orange MMMQS450O
	Red MMMQS450R	Purple MMMQS450P
Other name	**None**	
Product code	**MMMQS**	
Recommended use	Art & Craft	
Restrictions on use	None Known	

Company name	Micador Australia Pty Ltd
ABN	98 004 509 880
Address	4/132 Bangholme Road, Dandenong South, VIC 3175
Emergency phone	03 8788 1800 (Monday – Friday from 9am – 5pm)
Phone	03 8788 1800
Fax	03 8788 1810
Email	safety@micador.com.au

Poisons Information Centre

AUSTRALIA	13 11 26
NEW ZEALAND	0800 764 766 or 0800 POISON

2. Hazard Identification

Classification of the hazardous chemical

The product is not classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

3. Composition/Information on Ingredients

The product is not classified as hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

4. First Aid Measures

For advice, contact a Poisons Information Centre, Phone Australia 13 1126; New Zealand 0800 764 766, or a doctor. Ensure medical personnel are aware of the identity and nature (hydrocarbon propelled aerosol) involved.

Inhalation	Inhaled sand can stick together and cause serious injury. Seek immediate medical attention. If vapoured inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention
Skin Contact	None expected to require first aide measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event the irritation persists.
Eye Contact	None expected to require first aide measures. Flush out immediately with running water for at least 15 minutes. If irritation persists, seek medical attention.
Ingestion	Swallowed sand can stick together and cause serious injury. Seek immediate medical attention.

Most important systems and effects, both acute and delayed
Swallowed or inhaled sand can stick together and cause serious injury. Seek immediate medical attention.

Indication of any immediate medical attention and special treatment needed:
If skin irritation or rash occurs, get medical advice/attention

5. Fire Fighting Measures

Suitable extinguishing media
Use extinguishing agents appropriate for surrounding materials

Specific hazards arising from the chemical
No specific fire or exposure hazard. Will burn when exposed to excessive heat flame. In case of fire, the following can be released: carbon monoxide, carbon dioxide

Special protective equipment and precautions for fire fighters
Fire fighters should ear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Non emergency personnel: Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact Refer section 8 of SDS for personal proactive details
Emergency responders: Wear appropriate NIOSH/MSHA approved respirator in dust is generated

Environment precautions Do not allow material to be released to the environment without proper government permits

Methods and materials for containment and cleaning up
Sweep up and shovel into suitable containers. Clean up affected area.

7. Handling and Storage

Precautions for safe handling
Good hygiene practices should be observed. Avoid contact with skin and eyes. Avoid breathing dust. If exposed to high dust concentration, leave area immediately. Work clothes should be washed separately at the end of each work day. Keep away from sources of ignition. Ensure good ventilation/exhaustion at the workplace.

Do not eat, drink and smoke in work area. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating area.

Conditions for safe storage, including any incompatibilities
Material should be stored in a clean, dry environment on original packaging and not exposed to ignition sources

8. Exposure Controls/Personal Protection

Control parameters – exposure standards, biological monitoring

Occupational exposure limits:

Substance			Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period		
	EINECS No.	CAS No.	ppm	mg/ m3	ppm	mg/ m3	Notes
Quartz, respirable dust, (see crystalline silica)	238-878-4	14808-60-7	-	0.1	-	-	-

Appropriate engineering control

Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminations below any recommended or statutory limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne below exposure limits.

Personal protective equipment (PPE) Personal Protective Equipment is not required under normal conditions of use.

Environmental exposure controls Avoided discharge into the environment. According to local, federal and official regulations.

9. Physical and Chemical Properties

Appearance	Solid
Odour	Not known
Odour threshold	Not Known
pH	Not Known
Melting point/freezing point	-57C
Boiling point and boiling range (propellant)	331C
Flash point (propellant)	217.9C
Evaporation rate	Not Known
Flammability	Not Known
Upper/lower flammability or explosive limits (propellant)	Not Known
Vapour pressure	0.0494 Pa
Vapour density	Not Known
Relative density	Not Known
Solubility (ies)	4.49 mg/L
Specific Gravity (propellant)	Not Known
Partition coefficient: n-octanol/water	Not Known
Ignition temperature (propellant)	Not Known
Decomposition temperature	Not Known
Viscosity	15.58 mm2/s (40C)
Specific heat value	Not Known
Particle size	Not Known
Volatile organic compounds content	Not Known
% volatile	Not Known
Saturated vapour concentration	Not Known
Release of invisible flammable vapours and gases	Not Known

Additional parameters

Shape and aspect ratio	Not Known
Crystallinity	Not Known
Dustiness	Not Known
Surface area	Not Known
Degree of aggregation or agglomeration	Not Known
Ionisation (redox potential)	Not Known
Biodurability or biopersistence	Not Known

10. Stability and reactivity

Chemical stability	Stable under normal ambient conditions of storage and use at room temperature in closed containers
Conditions to avoid	Incompatible materials
Incompatible materials and possible hazardous reactions	Strong oxidizing agents
Hazardous decomposition products	In case of fire, the following can be released: carbon monoxide, carbon dioxide

11. Toxicological information

Acute health effect

Swallowed

calcium carbonate(CAS#471-34-1)

LD50(Oral, Rat):	> 2000 mg/kg bw(female)
LD50(Dermal, Rat):	> 2000 mg/kg bw
LC50(Inhalation, Rat):	> 3 mg/L air 4h
tributyl-o-acetylcitrate(CAS#77-90-7)	
LD50(Oral, Rat):	> 31500 mg/kg
LD50(Dermal, Rabbit):	> 1000 mg/kg bw(male)
LC50(Inhalation, Rat):	Not available

Eye Contact	None known
Skin Contact	None known
Inhalation	None known

Swallowed or inhaled sand can stick together and cause serious injury. Seek immediate medical attention.

12. Ecological information

The information provided is based on data available for the material and the components of the material.

Ecotoxicology

calcium carbonate(CAS#471-34-1)

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	> 14 mg/L	72h	Algae	OECD 201	N/A	N/A

tributyl-o-acetylcitrate(CAS#77-90-7)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	38 - 60 mg/L	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	74.4 mg/L	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability	Not Known
Bioaccumulative potential	Not Known
Mobility in soil	Not Known
Other adverse effects	Not Known

13. Disposal considerations

Consumer Instructions If empty container retains product residue, all label precautions must be observed. Dispose of according to local or national regulations

Bulk quantities Disposal of material by incineration in a chemical incinerator in compliance with local laws and regulations at time of disposal

14. Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated	Not regulated	Not regulated

15. Regulatory information

Safety, health environmental regulations specific for the product in question Not Known

Poisons schedule number Not Known

16. Other information

Date of preparation or review 16th September 2015