

**Micador Micador Giant Octagonal Crayons, 12s****1. Product Identifier & Identity for the Chemical**

<b>Product name</b>	<b>Micador Giant Octagonal Crayons, 12s</b>
<b>Other name</b>	
<b>Product code</b>	<b>CRM412</b>
Recommended use	Art and Craft
Restrictions on use	None known
<b>Company name</b>	Micador Australia Pty Ltd
<b>ABN</b>	98 004 509 880
<b>Address</b>	4/132 Bangholme Road, Dandenong South, VIC 3175
<b>Emergency phone</b>	03 8788 1800 (Monday – Friday from 9am – 5pm)
<b>Phone</b>	03 8788 1800
<b>Fax</b>	03 8788 1810

**2. Hazard Identification****Classification of the hazardous chemical**

Classified as non-hazardous and non-dangerous goods according to the criteria of OSHA Hazard Communication standard (29 CFR 1910.1200)

**Label Elements, including precautionary statements**

None allocated as non-hazardous

**Other Hazards which do not result in classification**

None allocated as non-hazardous

**Information concerning particular hazards for human and environment:**

This product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

**NFPA ratings (scale 0 – 4)**

Health = 0  
Fire = 1  
Reactivity = 0

**HMIS-ratings (scale 0 – 4)**

Health = 0  
Fire = 1  
Reactivity = 0

Additional information: The product contains dangerous substance Petrolatum (CAS No. 8009-03-8), it is classified as Canc. Cat. 2, except if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.

## 3. Composition/Information on Ingredients

Chemical Name	CAS number	Concentration
Paraffin Wax	8002-74-2	30 – 40%
Stearic Acid	57-11-4	20 – 30%
Calcium Carbonate, light	471-34-1	10 – 20%
Hydrogenated Palm Oil	68514-74-9	5 – 15%
Pigments	\	<10%
White Mineral Oil (petroleum)	8042-47-5	<5%
Petrolatum	8009-03-08	<5%
Other	\	<5%

## 4. First Aid Measures

For advice, contact a Poisons Information Centre, Phone Australia 13 1126; New Zealand 0800 764 766, or a doctor at once.

<b>Inhalation</b>	Supply fresh air; consult doctor in case of complaints
<b>Skin</b>	Immediately wash with water and soap, rinse thoroughly
<b>Eye</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor
<b>Ingestion</b>	Rinse mouth with water. If symptoms persist, consult a doctor

## 5. Fire Fighting Measures

### Suitable extinguishing media

Use fire fighting measures that suit the environment.

### Specific hazards arising from the chemical

None known

### Special protective equipment and precautions for fire fighters

Wear self – contained respiratory protective device.

Wear fully protective suit.

## 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep away from ignition sources. Wear protective equipment. Keep unprotected person away.

### Environment precautions

Do not allow to enter sewers / surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

### Methods and materials for containment and cleaning up

Pick up mechanically.

Dispose contaminated material as waste accordingly to Disposal Considerations (point 13)

## 7. Handling and Storage

### Precautions for safe handling

Ensure good ventilation / exhaust at the workplace. Open and handle receptacle with care.

### Information about protection against explosions and fires:

Keep ignition sources away – Do not smoke

### Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool location. Keep container tightly closed in a dry well-ventilated place. Store away from food stuff. Store away from flammable substances. Store away from oxidizing agents.

Further information about storage conditions: Store in a cool, dry conditions in a well-sealed receptacles. Store under lock and key and out of the reach of children.

## 8. Exposure Controls/Personal Protection

### Control parameters – exposure standards, biological monitoring

None Known

Additional information about design of technical systems: No further data; see item 7

#### Components with limit values that require monitoring at the workplace

##### 8002-74-2 Paraffin waxes and Hydrocarbon waxes

REL (USA)	2mg/m <sup>3</sup>
TLV (USA)	2mg/m <sup>3</sup>
WEL (Great Britain)	Short-term value: 6 mg/m <sup>3</sup> Long-term value: 2mg/m <sup>3</sup>

##### 14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub> (SiO<sub>3</sub>)<sub>4</sub>)

REL (USA)	20mppcf ppm (containing <1%Quartz)
REL (USA)	2* mg/m <sup>3</sup> *respirable dust
TLV (USA)	2* mg/m <sup>3</sup> *as respirable fraction; Withdrawn from NIC; E
WEL (Great Britain)	1 mg/m <sup>3</sup>

##### 13463-67-7 Titanium Dioxide (3.0%)

REL (America)	15* mg/m <sup>3</sup> *total dust
REL (America)	LFC (LOQ 0.2 mg/m <sup>3</sup> )
TLV (America)	10mg/m <sup>3</sup>
WEL (Great Britain)	10* 4** mg/m <sup>3</sup> *total inhalable **respirable

Additional information: The lists that were valid during the creation were used as a basis.

Based on the composition shown in section 2, the following measures are suggested for occupational safety measure

### Appropriate engineering control

Not Known

### Personal protective equipment (PPE)

**General protective and hygienic measures:** Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at end of work. Store protective clothing separately.

**Breathing equipment:** Suitable respiratory protective device recommended

## 8. Exposure Controls/Personal Protection (continued)

**Protection of hands:** The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further mark of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

**Eye protection:** Tightly Sealed Safety glasses

## 9. Physical and Chemical Properties

<b>Appearance</b>	Solid
<b>Odour</b>	Odourless
<b>Odour threshold</b>	None Known
<b>pH</b>	None Known
<b>Melting point and melting range</b>	65-75 °C
<b>Freezing Point</b>	None Known
<b>Boiling point and boiling range</b>	None Known
<b>Flash point</b>	220 °C
<b>Evaporation rate</b>	None Known
<b>Flammability</b>	None Known
<b>Upper/lower flammability or explosive limits</b>	Product does not present an explosion hazard
<b>Vapour pressure</b>	None Known
<b>Vapour density</b>	None Known
<b>Density</b>	1.2-1.4 g/ml
<b>Relative density</b>	None Known
<b>Solubility (ies)</b>	None Known
<b>Partition coefficient: n-octanol/water</b>	None Known
<b>Auto-ignition temperature</b>	Not self igniting
<b>Decomposition temperature</b>	None Known
<b>Viscosity</b>	None Known
<b>Specific heat value</b>	None Known
<b>Particle size</b>	None Known
<b>Volatile organic compounds content</b>	None Known
<b>% volatile</b>	None Known
<b>Saturated vapour concentration</b>	None Known
<b>Release of invisible flammable vapours and gases</b>	None Known

**Additional parameters:**

<b>Shape and aspect ratio</b>	None Known
<b>Crystallinity</b>	None Known
<b>Dustiness</b>	None Known
<b>Surface area</b>	None Known
<b>Degree of aggregation or agglomeration</b>	None Known
<b>Ionisation (redox potential)</b>	None Known
<b>Biodurability or biopersistence</b>	None Known

## 10. Stability and reactivity

<b>Reactivity</b>	None Known
<b>Chemical stability</b>	None Known
<b>Conditions to avoid</b>	No decomposition if used accordingly to specifications
<b>Incompatible materials and possible hazardous reactions</b>	None Known
<b>Hazardous decomposition products</b>	None Known

## 11. Toxicological information

**Potential adverse health effects and symptoms associated with exposure to the material**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**Acute toxicity**

LD/LC50 values that are relevant for classification		
57-11-4 Stearic Acid, pure		
Dermal	LD50	>5000 mg/kg (rabbit)
8002-74-2 Paraffin waxes and Hydrocarbon waxes		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

**Acute health effect**

<b>Swallowed</b>	Not Known
<b>Eyes</b>	Irritating effect is possible
<b>Skin</b>	Irritating effect is possible
<b>Sensitization</b>	Sensitization possible
<b>Inhaled</b>	Not Known

**Chronic health effect** - Not Known

The product is not subject to classifications according to internally approved calculation methods for preparations

## 12. Ecological information

<b>Ecotoxicology</b>	None Known
<b>Persistence and degradability</b>	None Known
<b>Bioaccumulative potential</b>	None Known
<b>Mobility in soil</b>	None Known
<b>Other adverse effects</b>	None Known

**General note:** Water hazard class 1 (self – assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course of sewage system

## 13. Disposal considerations

<b>Safe handling and disposal methods</b>	Small quantities can be disposed of with household waste
<b>Disposal of any contaminated packaging</b>	Disposal must be made according to official regulations
<b>Environmental regulations</b>	None Known

## 14. Transport information

<b>UN number</b>	None Known
<b>Proper shipping name</b>	None Known
<b>Transport hazard class(es)</b>	None Known
<b>Packing group</b>	None Known
<b>Environmental hazard</b>	None Known
<b>Special precautions during transport</b>	None Known
<b>Hazchem code</b>	None Known

## 15. Regulatory information

- Sara
- Section 355 (extremely hazardous substance):  
None of the ingredient is listed.
- Section 313 (Specific toxic chemical listings):  
None of the ingredient is listed.
- TSCA (Toxic Substance Control Act):  
All ingredients are listed.
- 8002-74-2 Paraffin waxes and Hydrocarbon waxes
- 57-11-4 Stearic Acid, pure
- 14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)
- 68514-74-9 Hydrogenated palm oil
- 8009-03-8 Petrolatum
- 8012-89-3 Beeswax
- 64742-55-8 Distillates (petroleum), hydrotreated light paraffinic
- Proposition 655
- Chemicals known to cause cancer:  
None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for females:  
None of the ingredients is listed.
- Chemicals known to cause reproductive toxicity for males:  
None of the ingredients is listed
- Chemicals known to cause developmental toxicity:  
None of the ingredients is listed.
- Cancerogenity categories
- EPA (Environmental Protection Agency)  
None of the ingredients is listed.
- IARC (International Agency for Research on Cancer)  
None of the ingredients listed
- NTP (National Toxicology Program)  
None of the ingredients is listed.
- TLV (Threshold Limit Value established by ACGIH):  
14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)
- NIOSH-Ca (National Institute for Occupational Safety and Health):  
None of the ingredients is listed.
- OSHA-Ca (Occupational Safety and Health Administration):  
None of the ingredients is listed.

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## 15. Regulatory information (continued)

Products related Hazard information:

Observe the general safety regulations when handling chemicals.

The material (or substance or mixture) is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200)

- National regulations
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water

## 16. Other information

<b>Date of preparation or review</b>	22 February 2016
<b>Key abbreviation or acronyms used</b>	None Known
<b>Revision number</b>	1
<b>Name of version that this document supersedes</b>	131009 – SDS Micador Octagonal Giant Crayons CRM312