

Micador Twistaz Retractable Jumbo Wax Crayons

1. Product Identifier & Identity for the Chemical

Product name Micador Twistaz Retractable Jumbo Wax Crayons, 12 7 24 colours
Other name None known
Product code CRM700, CRM800

Recommended use Art and Craft
Restrictions on use None known

Company name	Micador Australia Pty Ltd
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2. Hazard Identification

Hazard classification

These products **are not classified as hazardous** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Label Elements, including precautionary statements None allocated as non-hazardous

Other Hazards which do not result in classification None known

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%
Polyethylene	9002-88-4	15 – 25%
Hydrogenated Oil	68514-74-9	<10%
Calcium Carbonate, light	471-34-1	<10%
Titanium Dioxide	13463-67-7	<10%
Pigments	\	<10%
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.

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

5. Fire Fighting Measures

Suitable extinguishing media

CO extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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. Avoid formation of dust. Avoid contact with eyes.

Environment precautions

Do not allow product to reach sewage system or any water source

Do not allow to enter sewers / surface or ground water.

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 / exhaustion at the workplace. Prevent formation of dust. Avoid contact with eyes.

Information about protection against explosions and fires Keep respiratory device available

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Store in a cool location. Store away from food stuff. Store in a cool, dry condition in well sealed receptacles. Store receptacle in a well ventilated area.

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 (42%)	
REL (America)	2mg/m ³
TLV (America)	2mg/m ³
WEL (Great Britain)	Short-term value: 6 mg/m ³ Long-term value: 2mg/m ³
14807-96-6 Talc (Mg₃H₂ (SiO₃)₄) (4.0%)	
PEL (America)	20mppcf ppm (containing <1%Quartz)
REL (America)	2* mg/m ³ *respirable dust
TLV (America)	2* mg/m ³ *as respirable fraction; Withdrawn from NIC;
WEL (Great Britain)	1 mg/m ³
13463-67-7 Titanium Dioxide (3.0%)	
PEL (America)	15* mg/m ³ *total dust
REL (America)	LFC (LOQ 0.2 mg/m ³)
TLV (America)	10mg/m ³
WEL (Great Britain)	10* 4** mg/m ³ *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

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

8. Exposure Controls/Personal Protection (continued)

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 Safety glasses

9. Physical and Chemical Properties

Appearance	Solid
Odour	Odourless
Odour threshold	None Known
pH	None Known
Melting point and melting range	60-70 °C
Freezing Point	None Known
Boiling point and boiling range	None Known
Flash point	220 °C
Evaporation rate	None Known
Flammability	None Known
Upper/lower flammability or explosive limits	Product does not present an explosion hazard
Vapour pressure	None Known
Vapour density	None Known
Density	1.2-1.5 g/ml
Relative density	None Known
Solubility (ies)	None Known
Partition coefficient: n-octanol/water	None Known
Auto-ignition temperature	Not self igniting
Decomposition temperature	None Known
Viscosity	None Known
Specific heat value	None Known
Particle size	None Known
Volatile organic compounds content	None Known
% volatile	None Known
Saturated vapour concentration	None Known
Release of invisible flammable vapours and gases	

Additional parameters:

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

10. Stability and reactivity

Reactivity	None Known
Chemical stability	None Known
Conditions to avoid	No decomposition if used accordingly to specifications
Incompatible materials and possible hazardous reactions	None Known
Hazardous decomposition products	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		
13463-67-7 Titanium Dioxide		
Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/1 (rat)

Acute health effect

Swallowed	Not Known
Eyes	Irritating effect is possible
Skin	Irritating effect is possible
Sensitization	Sensitization possible
Inhaled	Not Known

Chronic health effect Not Known

12. Ecological information

Ecotoxicology	None Known
Persistence and degradability	None Known
Bioaccumulative potential	None Known
Mobility in soil	None Known
Other adverse effects	None Known

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

13. Disposal considerations

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

14. Transport information

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

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.

Carcinogenicity categories

EPA (Environmental Protection Agency) None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

9002-88-4	Polyethylene	3
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	3
13463-67-7	Titanium Dioxide	2B

TLV (Threshold limit Value established by ACGIH)

14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	A4
13463-67-7	Titanium Dioxide	A4

NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7 Titanium Dioxide

OSHA-Ca (Occupational Safety and Health Administration) None of the ingredients are listed.

16. Other information

Date of preparation or review	29 January 2016
Key abbreviation or acronyms used	None Known