

Micador Fine Tip Markers, 12 col

1. Product Identifier & Identity for the Chemical

Product Code & Name	M040160 Micaodr Fine Tip Markers, 12 Colours
Other names	\
Recommended use	Art and Craft
Restrictions on use	\
Date issued	18th September 2018
Company name	Micador Australia Pty Ltd, Micador International Pty Ltd
ABN	98 004 509 880, 90 004 624 800
Address	3 Park Rd, Cheltenham Victoria 3192 Australia PO Box 4218, Black Rock, Victoria, 3193, Australia
Emergency phone	+61 3 8788 1800 (Monday – Friday from 8am – 4.30pm)
Phone	+61 3 8788 1800
Email	safety@micador.com.au

Poisons Information Centre

AUSTRALIA	13 11 26
NEW ZEALAND	0800 764 766 or 0800 POISON
OTHER	Contact your local country poison centre

2. Hazard Identification

Hazard classification This product is **not classified as a hazardous substance or mixture** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Hazard labelling No labelling information (such as hazard pictogram, signal word, hazard statement, precautionary statement) is required as this product is not classified as a hazardous substance or mixture.

Other Hazards which do not result in classification None known

3. Composition/Information on Ingredients

Proprietary – available on request

4. First Aid Measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

None expected to require first aid measures. If breathed in, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

4.1.2 In case of skin contact:

None expected to require first aid measures. Wash thoroughly with soap and water. Get medical attention in the unlikely event that irritation persists.

4.1.3 In case of eyes contact:

None expected to require first aid measures. Flush with running water for at least 15 minutes. If irritation persists get medical attention.

4.1.4 In case of ingestion:

Immediate first aid is not likely to be required. A physician or poison control center can be contacted for advice.

4.2 Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed:

Symptomatic treatment.

5. Fire Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media:

Use extinguishing agents appropriate for surrounding fire.

Unsuitable extinguishing media:

Not available.

5.2 Special hazards arising from the substance or mixture

Carbon oxides.

5.3 Advice for firefighters:

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.1.2 For emergency responders:

Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.

6.2 Environmental Precautions:

Avoid disposing into drainage/sewer system or directly into the aquatic environment.

6.3 Methods for Containment and Cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.



7. Handling and Storage

7.1 Precautions for safe handling:

7.1.1 Protective measures:

Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

7.1.2 Advice on general occupational hygiene:

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

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3 Specific end use(s):

Not available.

8. Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits:

Urea (CAS#57-13-6): Concentration limit: Long-term exposure limit value: 10 mg/m³ (Lithuania)

Country	Substance	CAS No.	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		
			ppm	mg/ m ³	ppm	mg/ m ³	Notes
Ireland	Propane-1,2-diol total (vapour and particulates) particulates	57-55-6	150	470	-	-	-
			-	10	-	-	-

8.1.2 Additional exposure limits under the conditions of use:

Not available.

8.1.3 DNEL/DMEL and PNEC-Values:

Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Use adequate ventilation to keep airborne concentrations low.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection:

No special requirements.

Hand protection:

No special requirements. Wear gloves if necessary.

Body protection:

No special requirements.

Respiratory protection:

No special requirements.

Thermal hazards:

Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Avoid discharge into the environment. Dispose of rinse water in accordance with local and national regulations

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance:

Liquid

Colour:

As per colourant

Odour:

Glycolic & Mild

Odour threshold:

Not available

pH:

7.0 to 9.0

Melting point/range (°C):

Not available

Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (25°C):	Not available
Vapour density:	Not available
Density:	1.037 to 1.10 gram/cm ³ at 25 °C
Bulk density (kg/m ³):	Not available
Water solubility (g/l):	Miscible with water in any proportion
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	1.40 to 3.00 cps at 25°C

9.2. Other information:

Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available

10. Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	Strong oxidizing agents.
10.6 Hazardous decomposition products:	Carbon oxides.

11. Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:	
ATE _{mlx} (oral):	Not available
ATE _{mlx} (inhalation):	Not available
ATE _{mlx} (Dermal):	Not available
Propylene Glycol (CAS#57-55-6):	
LD50(Oral, Rat):	22000 mg/kg bw
LD50(Dermal, Rabbit):	> 2000 mg/kg bw
LC50(Inhalation, Rat):	Not available
Skin corrosion/Irritation:	Not classified
Serious eye damage/irritation:	Not classified

Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT- single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified

12. Ecological information

12.1 Toxicity:

Propylene Glycol (CAS#57-55-6):

Acute (short-term) toxicity:

LC50(96h, Fish): > 10000 mg/L

EC50(48h, Crustacea): 43500 mg/L

EC50(72h, Algae/aquatic plants): 24200 mg/L

Chronic (long-term) toxicity:

NOEC(Fish): Not available

NOEC(Crustacea): 13020 mg/L

NOEC(Algae/aquatic plants): 15000 mg/L

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: Not available.

12.5 Results of PBT&vPvB assessment: Not available.

12.6 Other adverse effects: Not available.

13. Disposal considerations

13.1 Waste treatment methods: The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.

14. Transport information

	Land transport(ADR/RID)	Inland waterways (ADN)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN-Number	Not regulated	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated	Not regulated
Environmental hazards	No	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to	Not regulated	Not regulated	Not regulated	Not regulated

15. Regulatory information

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

Relevant information regarding authorization: Not applicable.
 Relevant information regarding restriction: Not applicable.
 Other EU regulations: Employment restrictions concerning young person must be observed.
 For use only by technically qualified individuals.
 Other National regulations: Not applicable

15.2 Chemical safety assessment

YES ☐ NO ☒

16. Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU) 2015/830

16.2 Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
 RID: Regulation for rail International transportation of Dangerous goods
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: Code international maritime dangerous goods code
 ICAO: International Civil Aviation Organization
 IATA: International Air Transport Association
 LC50: median lethal concentration
 EC50: The effective concentration of substance that causes 50% of the maximum response.
 NOEC: No Observed Effect Concentration
 DNEL: [derived no-effect level](#)
 PNEC: predicted no-effect concentration

16.3 Key literature references and sources for data

ECHA Registered substances data

16.4 Training instructions:

Not applicable.

16.5 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.6 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.