

Micador

1. Product Identifier & Identity for the Chemical

Product Code & Name	PTMA12, MPAA5PRIM, MPAA4PAST, MPAAB100xx Micador Acrylic Paint – Primary, Pastel, Metallic colours – 12ml x12 pack, 30ml x5 packs & 100ml tubes
Other names	\
Recommended use	Art and Craft
Restrictions on use	Adult Art Materials – Not a Toy
Date issued	23rd November 2023
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 8.30am – 5.00pm)
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 Avoid contact with skin and eyes

3. Composition/Information on Ingredients

Proprietary – available on request

4. First Aid Measures

• 4.1 Description of first aid measures

General advice:

No special immediate medical required.

After inhalation:

Supply with fresh air.

Get medical attention if you feel unwell.

After skin contact:

No special measures required normally.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

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

Acute and delayed effects are as indicated in sections 2 and 11.

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

No special immediate medical attention or special treatment needed.

5. Fire Fighting Measures

• 5.1 Extinguishing media

• **Suitable extinguishing agents:**

Use CO₂, chemical powder, water spray or alcohol resistant foam to extinguish.

• **Unsuitable extinguishing media:**

No known unsuitable extinguishing media.

• 5.2 Special hazards arising from the substance or mixture:

No special hazards arising from the mixture.

• 5.3 Advice for firefighters

Protective equipment:

Wear self-contained breathing apparatus for firefighting.



6. Accidental Release Measures

• 6.1 Personal precautions, protective equipment and emergency procedures

• 6.1.1 For non-emergency personnel

Protective equipment:

Eye protection.

Emergency procedures:

Avoid contact with eyes.

• 6.1.2 For emergency responders

Personal protective equipment:

Eye protection.

• 6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so.

Prevent spillage from entering drains, sewer, basement or confined areas.

If the spillage contaminates rivers, lakes or drains inform respective authorities.

• 6.3 Methods and material for containment and cleaning up:

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

Dispose contaminated material as waste according to section 13.

• 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 disposal information.

7. Handling and Storage

• 7.1 Precautions for safe handling:

No special precaution for safe handling required normally.

• Information about fire and explosion protection:

Normal measures for preventive fire protection.

• 7.2 Conditions for safe storage, including any non-compatibility

• Requirements to be met by storerooms and receptacles:

Store in a cool and well-ventilated place.

• Information about storage in one common storage facility:

No further requirements.

• Further information about storage conditions:

No further requirements.

• Storage class:

12.

• 7.3 Specific end use(s):

See section 1.2.

8. Exposure Controls/Personal Protection

• 8.1 Control parameters

• Ingredients with limit values that require monitoring at the workplace:

Country	Limit value - Eight hours	Limit value - Short term
7727-43-7 Barium sulfate		
Belgium	10 mg/m ³	-
Denmark	0.3 mg/m ³ Respirable fraction; 4 mg/m ³ Inhalable fraction	2.4 mg/m ³ Respirable fraction; 15 minutes average value
Ireland	2 mg/m ³ Respirable fraction	-
Latvia	6 mg/m ³	-
Spain	10 mg/m ³	-
United Kingdom	10 mg/m ³ Inhalable aerosol; 4 mg/m ³ Respirable aerosol	-
1333-86-4 Carbon black		
Belgium	3 mg/m ³	-
Denmark	3.5 mg/m ³	7.0 mg/m ³
Finland	3.5 mg/m ³	7 mg/m ³ 15 minutes reference period
France	3.5 mg/m ³	-
Ireland	3.5 mg/m ³	7 mg/m ³ 15 minutes reference period
Poland	4 mg/m ³ Inhalable fraction	-
Spain	3.5 mg/m ³	-
Sweden	3 mg/m ³	-
United Kingdom	3.5 mg/m ³	7.0 mg/m ³
13463-67-7 Titanium dioxide		
Belgium	10 mg/m ³	-
Denmark	6 mg/m ³ total dust	10 mg/m ³ total dust
France	11 mg/m ³ inhalable aerosol	-
Ireland	10 mg/m ³ Inhalable fraction; 4 mg/m ³ Respirable fraction	-
Latvia	10 mg/m ³	-
Poland	10 mg/m ³	30 mg/m ³
Spain	10 mg/m ³ inhalable aerosol	-
Romania	10 mg/m ³	15 mg/m ³ 15 minutes average value
Sweden	5 mg/m ³ inhalable aerosol	-
United Kingdom	10 mg/m ³ inhalable aerosol 4 mg/m ³ respirable aerosol	-
124-68-5 Aminomethyl propanol		
Germany (AGS)	1ppm; 3.7mg/m ³ Inhalable fraction and vapour	2ppm; 7.4 mg/m ³ Inhalable fraction and vapour, 15 minutes reference period
Germany (DFG)	1ppm; 3.7mg/m ³ Inhalable fraction and vapour	2ppm; 7.4 mg/m ³ Inhalable fraction and vapour, 15 minutes reference period

• DNELs:

DNEL type	DNEL worker value	DNEL consumer value
6440-58-0 DMDM Hydantoin		
Systemic effects	Long-term, inhalation exposure	70.6 mg/m ³
	Long-term, dermal exposure	20 mg/kg bw/day
	Long-term, oral exposure	-
124-68-5 Aminomethyl propanol		
Systemic effects	Long-term, inhalation exposure	6.5 mg/m ³
	Long-term, dermal exposure	7.3 mg/kg bw/day
	Long-term, oral exposure	-

• PNECs:

PNEC type	Value
6440-58-0 DMDM Hydantoin	
Freshwater	510 µg/L
Intermittent releases (freshwater)	110 µg/L
Marine water	51 µg/L
Sewage treatment plant (STP)	10 mg/L
124-68-5 Aminomethyl propanol	



Freshwater	188 µg/L
Intermittent releases (freshwater)	1.88 mg/L
Marine water	18.8 µg/L
Sewage treatment plant (STP)	10 mg/L
Sediment (freshwater)	710 µg/kg sediment dw
Sediment (marine water)	71 µg/kg sediment dw
Soil	30 µg/kg soil dw

• **Additional information:**

The lists valid during the marking were used as basis.

• **8.2 Exposure controls**

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face before breaks and at the end of work.

Take off contaminated clothing and wash it before reuse.

See section 7 for information about design of technical facilities.

• **Personal protective equipment**

• **Eye and face protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• **Skin protection**

• **Hand protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.3mm; breakthrough times up to 480 minutes).

• **Other skin protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Face protection



Safety boots



Safety overalls

Face shield, gauntlets, boots, bodysuit are recommended.

• **Respiration protection:**

Not required under normal conditions of use.

For industrial applications, following protection required:



Respiratory equipment

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• **Thermal hazards:**

Not required under normal conditions of use.

For industrial applications, following protection required:

The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and no heat-conducting.

• **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.



9. Physical and Chemical Properties

• Aerosols	Not applicable
• Oxidising gases	Not applicable
• Gases under pressure	Not applicable
• Flammable liquids	Not applicable
• Flammable solids	Not applicable
• Self-reactive substances and mixtures	Not applicable
• Pyrophoric liquids	Not applicable
• Pyrophoric solids	Not applicable
• Self-heating substances and mixtures	Not applicable
• Substances and mixtures, which emit flammable gases in contact with water	Not applicable
• Oxidizing liquids	Not applicable
• Oxidizing solids	Not applicable
• Organic peroxides	Not applicable
• Corrosive to metals	Not applicable
• Desensitised explosives	Not applicable
9.2.2 Other safety characteristics	
• Mechanical sensitivity	Not applicable
• Self-accelerating polymerisation temperature	Not applicable
• Formation of explosible dust/air mixtures	Not applicable
• Acid/alkaline reserve	Not applicable
• Evaporation rate	Not determined
• Miscibility	Not determined
• Conductivity	Not applicable
• Corrosiveness	Not applicable
• Gas group	Not applicable
• Redox potential	Not applicable
• Radical formation potential	Not applicable
• Photocatalytic properties	Not applicable
• Other physical and chemical parameters	Not determined

10. Stability and reactivity

• 10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

• 10.2 Chemical stability:

Under storage at normal ambient temperatures, the product is stable.

• 10.3 Possibility of hazardous reactions:

No known hazardous reaction.

• 10.4 Conditions to avoid:

High temperature.

• 10.5 Incompatible materials:

Strong oxidizing agent and acids.

• 10.6 Hazardous decomposition products:

Does not decompose when used for intended uses.



11. Toxicological information

• 11.1 Information on toxicological effects

• Acute toxicity:

Based on available data, the classification criteria are not met.

• LD50/LC50 values relevant for classification:

6440-58-0 DMDM hydantoin		
Rat	LD50-oral	2000mg/kg
124-68-5 Aminomethyl propanol		
Mouse	LD50-oral	2150mg/kg
Rat	LD50-oral	2900mg/kg
1333-86-4 Carbon black		
Rabbit	LD50-skin	>3000mg/kg
Rat	LD50-oral	>15400mg/kg
13463-67-7 Titanium dioxide		
Rat	LD50-oral	>20000mg/kg
	LC50-inhalation	>6.82mg/L
Rabbit	LD50-skin	>10000mg/kg
Remark: All the above data are from literature.		

• Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

• Serious eyes damage/ irritation:

Based on available data, the classification criteria are not met.

• Respiratory or skin sensitization:

Based on available data, the classification criteria are not met.

• Germ cell mutagenicity:

Based on available data, the classification criteria are not met.

• Carcinogenicity:

Based on available data, the classification criteria are not met.

• Reproductive toxicity:

Based on available data, the classification criteria are not met.

• STOT-single exposure:

Based on available data, the classification criteria are not met.

• STOT-repeated exposure:

Based on available data, the classification criteria are not met.

• Aspiration hazard:

Based on available data, the classification criteria are not met.

• 11.2 Information on other hazards

• 11.2.1 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to humans, as none of them meet the criteria set out in section A of Regulation (EU) No 2017/2100.

• 11.2.2 Other information:

No known other relevant information on adverse health effects.



12. Ecological information

LC50/EC50/NOEC values relevant for classification:

6440-58-0 DMDM Hydantoin	
Short-term toxicity to fish	EC50 (4 days) 82.3 mg/L NOEC (4 days) 82.3 mg/L
Long-term toxicity to fish	NOEC (28 days) 14 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (48 h) 29.1 mg/L NOEC (48 h) 12.7 mg/L
Long-term toxicity to aquatic invertebrates	NOEC (21 days) 70.9 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 1 g/L NOEC (72 h) 5.1 mg/L
124-68-5 Aminomethyl propanol	
Short-term toxicity to fish	LC50 (4 days) 190 mg/L NOEC (4 days) 100 mg/L
Short-term toxicity to aquatic invertebrates	LC50 (4 days) 179 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (72 h) 565.5 mg/L
Toxicity to microorganisms	EC50 (3 h) 342.9 mg/L NOEC (3 h) 100 mg/L

• 12.2 Persistence and degradability:

6440-58-0	DMDM Hydantoin	Readily biodegradable in water
124-68-5	Aminomethyl propanol	Readily biodegradable in water

• 12.3 Bio-accumulative potential:

6440-58-0	DMDM Hydantoin	Log Pow = -2.9
124-68-5	Aminomethyl propanol	Log Pow = -0.63

• 12.4 Mobility in soil:

6440-58-0	DMDM Hydantoin	Log Koc=1.25
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• 12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances ($\geq 0.1\%$) that are assessed to be a PBT or a vPvB.

• 12.6 Endocrine disrupting properties:

None of the ingredients ($\geq 0.1\%$) is considered to have endocrine-disrupting properties with respect to non-target organisms, as none of them meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• 12.7 Other adverse effects:

No known other adverse effects.

• 12.8 Additional ecological information

• General notes:

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

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

13. Disposal considerations

• 13.1 Waste treatment methods

• Recommendation:

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local/regional/national/ international regulation.

• 13.2 Un-cleaned packaging

• Recommendation:

Dispose of contents/container in according to the local/regional/national/ international regulation.

14. Transport information

• ADR/ADN/RID (2023 Edition)	This product is not subject to ADR/ADN/RID.
• IATA-DGR (65th)	This product is not subject to IATA-DGR.
• IMO/IMDG (41-22)	This product is not subject to IMO/IMDG code.

15. Regulatory information

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

• MAK (German Maximum Workplace Concentration):

1333-86-4	Carbon black	3
13463-67-7	Titanium dioxide	4

• Directive 2012/18/EU

• Named dangerous substances-ANNEX I:

None of the ingredients is listed.

• Seveso category:

Not applicable

• Qualifying quantity (tonnes) for the application of lower-tier requirements:

Not applicable

• Qualifying quantity (tonnes) for the application of upper-tier requirements:

Not applicable

• National regulations.

• Water hazard class:

WGK1 (German Regulation) (self-assessment): slightly hazardous to water.

• Other regulations, limitations and prohibitive regulations

• SVHC Candidate list of REACH Regulation Annex XIV Authorization:

None of the ingredients is listed.

• REACH Regulation Annex XVII Restriction:

None of the ingredients is listed.

• REACH Regulation Annex XIV Authorization List:

None of the ingredients is listed.

• 15.2 Chemical safety assessment:

A Chemical Safe Assessment has not been carried out.

16. Other information

• 16.1 Indication of changes:

None.

• 16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic

vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Acute Tox. 4: Acute toxicity, hazard category 4

Skin Irrit. 2: Skin corrosion/irritation, hazard category 2

Eye Dam. 1: Eye damage/irritation, hazard category 1

Aquatic Chronic 3: Long-term (chronic) aquatic hazard, hazard category 3

• 16.3 Key literature references and sources for data:

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

• 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:

See section 2.1 (classification).

• **16.5 Relevant H- and EUH-phrases (number and full text):**

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

H412 Harmful to aquatic life with long lasting effects

• **16.6 Training advice:**

Workers must be trained in general and specific aspects of safe work procedures for this chemical. Workers need easy to understand guidelines and instructions for safe working with this chemical. Instructions, guidelines and legally required documents need to be available for workers in easy to understand language.

• **16.7 Further information:**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

End of safety data sheet

