

MACPRIME HP

Not classified as hazardous according to criteria of NOHSC

1. Substance / preparation and company name

Product Name: Macprime HP

Company: Melbourne Acrylic Coatings
Victoria Pty Ltd
198-200 Hammond Road
Dandenong South VIC 3175
Tel: 03 9794 7004
Fax: 03 9794 7005

UN NO: None allocated
CAS NO: None allocated
SUB RISK: None allocated
G.T. EPG: None allocated
IMDG: None allocated
D.G. CLASS: None allocated
HAZCHEM: None allocated
SUSDP: None allocated
SPEC EPG: None allocated
PACK. GRP: None allocated

2. Composition / information on ingredients

Chemical nature:
Copolymer based on styrene acrylate esters.

Ingredients:

Alkyl acrylate-styrene copolymer	27-29%
Water (CAS: 7732-18-5)	71-73%

3. Possible Hazards

Acute-Skin:
Product contact with skin is not expected to cause irritation.

Acute-Eye:
Product contact with eyes is not expected to cause irritation.

Acute-Swallowed:
The product is considered slightly toxic by ingestion.

Acute-Inhaled:
Inhalation overexposure is not expected at normal use temperatures.

Chronic:
Skin and mucous membrane irritation may occur after prolonged or repeated contact or exposure with this product.

4. First Aid Measures

Eyes:
Rinse immediately with plenty of water for several minutes and seek medical advice.

Skin:
Wash off the skin with soap and water. Remove contaminated clothing and wash before reuse.

Inhalation:
If irritated, remove affected patient to fresh air.

Ingestion:
Do not induce vomiting. Drink water or milk and seek medical attention.

If poisoning occurs contact a doctor.

Advice to doctor:
Treat symptomatically.

5. Fire/Explosion Hazard Information

Flammability:
Not flammable under normal conditions of use. At temperatures above 100°C, the material can splatter. The polymer film can burn. There may be some traces of flammable material found in the vapour space of closed containers.

Fire fighting procedures:
Fire fighters should wear self-contained breathing apparatus. Fight fire using water spray, fog or carbon dioxide. Water spray may be used to cool fire exposed containers.

Decomposition or byproducts:
Any thermal decomposition may yield acrylic monomers.

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6. Accidental release measures

Methods for cleaning up or taking up:

Exercise care as floor may be slippery.

Use appropriate personal protection as specified in "Exposure controls and personal protection"

Contain spill with sand/sawdust or earth. Remove solid waste before material dries in suitable containers. Flush area with water after removal.

If exposed to product, follow recommendations as specified under "First Aid Measures".

Keep spills and cleaning run off out of local sewers. Coagulate the dispersion by adding ferric chloride and then lime. Remove clean supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.

7. Handling and storage

Handling

Handle in accordance with good industrial hygiene and safety practice.

Storage:

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place, but prevent from freezing.

Exposure standards:

No exposure standards have been established for this material by the National Occupational Health and Safety Commission.

Engineering Controls:

It is recommended where there are occurrences of mist or vapours that the use of a local exhaust ventilation, vented to atmosphere.

8. Exposure controls and personal protection

Personal protective equipment:

Respiratory protection:

AS1716 – None required under normal conditions, however where mist occurs in spraying circumstances, wear an AS approved disposable half-musk dust/mist respirator.

Hand Protection:

Chemical resistant protective gloves (PVC/Rubber/Nitrile/Chloroprene)

Eye Protection:

AS1337 - Use chemical splash goggles.

General safety and hygiene measures:

Avoid contact with eyes and prolonged skin contact.

9. Physical and chemical properties

Appearance:	White liquid
Odour:	Faint odour
Melting Point:	0°C
Boiling Point:	100°C
Vapour Pressure:	2.3 kPa water
Specific Gravity:	1.02 g/cm ³
Stabilisation:	Anionic This product is considered stable. However, avoid temperatures above 177°C, the onset of polymer decomposition.
Water solubility:	Soluble
pH value:	7.5 – 10.0
Volatile Component:	71-73%
Rel Vapour Density:	(Air=1) < 1 Water
Flash point:	Not applicable

10. Stability and reactivity

Thermal decomposition: No decomposition if used correctly.

11. Toxicological information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

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12. Ecological information

Ecotoxicity:

Micro organisms / Effect on activated sludge:

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability:

Assessment: The product can be virtually eliminated from water by abiotic processes E.G. absorption onto activated sludge.

Additional Information:

Other ecotoxicological advice:

Do not release untreated into natural waters. The local regulations on waste-water treatment must be followed.

13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

A waste code in accordance with the European waste catalogue (EWC) cannot be specified, due to dependence on the usage.
Observe national and local legal requirements.

14. Transport Information

Not classified as hazardous under transport regulations.

15. Regulator Information

The material is not subject to special labelling. It should be handled in accordance with good hygiene and safety practice.

16. Other Information

The information contained herein is based on the present state of our knowledge and does not guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.

17. Contact Point

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