

## SAFETY DATA SHEET INFORMATION

For further information: Please refer to the Safety Data Sheet following

Issue: August 17

**PRODUCT:** Mont Marte Acrylic Flow Medium  
(MAMD2501, MAMD5001)

**Other Names:** Acrylic Medium

**Uses:** Artists' media

**Signal Word:** None

<b>UN No.:</b>	N/R
<b>Dangerous Goods Class:</b>	N/R
<b>Subsidiary Risk:</b>	None
<b>Packing Group:</b>	N/R
<b>Hazchem Code:</b>	N/R
<b>Poisons Schedule:</b>	None

<b>Hazard Category:</b>	This product is classified as not hazardous in accordance with GHS criteria in Australia
<b>Hazard Statement:</b>	Not hazardous: intentionally left blank
<b>GHS Classification:</b>	No GHS Hazard Classification applies
<b>Exposure Standards:</b>	TWA: None specified; consider 5 g/m <sup>3</sup> ; STEL: None specified; consider 5 g/m <sup>3</sup>

### Physical Characteristics (Typical) Section 9 of the SDS

Appearance	White, viscous liquid
Boiling Point/Range (°C):	> 100
Flash Point (°C):	> 95
Specific Gravity/Density (g/ml @ 15°C):	1.00 – 1.05
pH:	8 – 9
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Excessive heat, oxidising agents, mineral acids, strong alkalis

### Product Ingredients Section 3 of the SDS

Ingredient	CAS Number	EINECS Number	Proportion
Water	7732-18-5	231-791-2	> 50
Acrylic Acid Polymer	9003-01-4	618-347-7	< 40
1,2 Propanediol	57-55-6	200-338-0	< 5

For further ingredients information, please refer to the full MSDS

### GHS Pictograms Section 2 of the SDS

Not hazardous: intentionally left blank

#### DEFINITIONS

Dangerous Goods	Products that are regulated for transport under the UN International guidelines are classified as Dangerous Goods. Products can be classified by their physical characteristics and may have only one Dangerous Goods designation, although may have a subsidiary risk. These products may be Dangerous Goods for transport by Air and Sea, but may not be classed as Dangerous Goods by Road and Rail in Australia. Refer to the Australian Code for Transport of Dangerous Goods by Road and Rail (ADG) for more information.
Hazardous Substances	Hazardous Substances are those products that are intrinsically hazardous by virtue of their chemical nature, rather than as a condition of their misuse. These hazards include mutagens, teratogens, carcinogens, and products that are harmful or irritant in nature. These products may or may not carry a Dangerous Goods classification.
Poisons	Poisons are products that are regulated by the dose or exposure, often having physical and chemical effects at certain concentrations particular to the nature of the product. The associated warnings, cautions and First Aid instruction are prescriptive under the regulation in Australia.

## 1. IDENTIFICATION

**Product Name:** Mont Marte Acrylic Flow Medium (MAMD2501, MAMD5001)  
**Other Names:** Acrylic Medium  
**Chemical Family:** Artists' media paints  
**Molecular Formula:** Mixtures  
**Recommended Use:** Artists' media  
**Supplier:** Mont Marte International Pty Ltd.  
**ACN:** 101 589 897  
**Address:** PO BOX 303, SALISBURY QLD 4107  
**Telephone:** +61 7 3255 5406  
**Fax:** +61 7 3255 5409  
**Emergency Phone:** CHEMCALL®: 1800 127 406  
**All other inquiries:** [www.montmarte.net](http://www.montmarte.net)

## 2. HAZARDS IDENTIFICATION

### Hazard Category

This product is classified as not hazardous in accordance with GHS criteria in Australia

### GHS Classification

No GHS Hazard Classification applies

### GHS Pictograms

Not hazardous: intentionally left blank

### Hazard Statement

Not hazardous: intentionally left blank

### Hazard Statements

Not hazardous: intentionally left blank

### Precautionary Statements

Not hazardous: intentionally left blank

### Dangerous Goods Classification N/R

### Poisons Schedule None

### Signal Word None

## 3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	EC Number	Proportion (% v/v)
Water	7732-18-5	231-791-2	> 50
Acrylic Acid Polymer	9003-01-4	618-347-7	< 40
1,2 Propanediol	57-55-6	200-338-0	< 5
Surfactant	25265-77-4	246-771-9	< 5
Methyl methacrylate copolymer	25212-88-8	-	< 5
2-amino-2-methylpropanol	124-68-5	204-709-8	< 0.5
Preservative (isothiazolinone mixture)	55965-84-9	220-239-6; 247-500-7	< 2 ppm

## 4. FIRST AID MEASURES

For advice, contact Poisons Information Centre (Phone Australia: 13 1126) or a doctor.

### Ingestion

If swallowed, give water to drink. If patient feels unwell, seek medical advice.

### Eye Contact

Flush eyes with large amounts of water until irritation subsides. If irritation persists, seek medical advice.

**Skin Contact**

Wash off skin with soap and cold water. If irritation or other symptoms develop, seek medical advice.

**Inhalation**

If exposed, remove to fresh air and keep at rest. If unwell, seek medical advice.

**First Aid Facilities**

Access to clean, cold water.

**Medical Attention**

Treat according to symptoms. There are no narcotic effects with this product.

## **5. FIRE FIGHTING MEASURES**

This product is unlikely to pose a combustion risk, nor provide a significant 'fuel' hazard. If possible, segregate the product from the source of the fire, if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.

**Suitable Extinguishing Media**

(For large volume fires.) Alcohol resistant foam, water spray or fine spray mist.

**Hazards from combustion products**

Carbon monoxide, carbon dioxide, and other organic material

**Precautions for fire fighters and special protective equipment**

Fully self-contained breathing apparatus

**Hazchem Code**

N/R

## **6. ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures**

This product is supplied in small quantities; however, if stored with large quantities of similar packaged product, consider the following action:

- Prevent product from escaping to drains and waterways;
- Contain leaking packaging in a suitable receptacle;
- Prevent vapours or fumes from building up in confined areas;
- Ensure that drain valves are closed at all times (in case of use with fire fighting liquid/foam); and
- Clean up and report spills immediately.

## **7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

This product is unlikely to present a fire or explosion risk. Under extreme temperatures, this product may burn and decompose, but is unlikely to be a significant fuel source. Vapours in extreme temperatures may be irritating, but are unlikely to pose a significant health risk. Product quantities are usually held as not more than approx. 5 kg.

**Conditions for Safe Storage**

Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

**Incompatible Materials**

None established

## **8. EXPOSURE CONTROLS: PERSONAL PROTECTION**

**National Exposure Standards**

The time weighted average concentration (TWA) for this product is: None specified; consider 5 g/m<sup>3</sup>, which means the highest allowable exposure concentration in an eight-hour day for a five-day working week. The short term exposure limit (STEL) is: None specified; consider 5 g/m<sup>3</sup>, which is the maximum allowable

exposure concentration at any time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitiser, represented as (Sen), where None applies in this case.

**Biological Limit Values (BLV)**

No data available

**Engineering Controls: Ventilation**

The use of local exhaust ventilation is not essential to control process emissions near the source. Laboratory samples can be handled in a fume hood, but are safely managed at open benches. Consider mechanical ventilation of confined spaces. Explosion proof equipment is not required when handling this product.

It is recommended that standard industrial hygiene practices are employed when using this product, e.g. it is recommended to wash hands after using this product, before eating, drinking, or smoking.

**Personal Protective Equipment**

**Respiratory Protection:** It is unlikely that vapour concentrations in air may approach or exceed the limits described in the National Exposure Standards; however, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type 'A' filter material is considered suitable for this product.

**Eye Protection:** Consider the use of safety glasses when handling this product, as standard industrial hygiene practice; protective eye wear is not essential when using this product.

**Skin/Body Protection:** There is no essential recommended outer-wear required when handling this product. For further information on skin protection, refer to Section 11: Skin Contact effects.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Unit of measurement	Typical Value
Appearance	None	White, viscous liquid
Boiling Point/Range	°C	> 100
Flash Point	°C	> 95
SG/Density (@ 15°C)	g/ml; kgm <sup>-3</sup>	1.00 – 1.05
Vapour Pressure @ 20°C	kPa	No data available
Vapour Density @ 20°C	g/ml; kgm <sup>-3</sup>	No data available
Autoignition Temperature	°C	No data available
Explosive Limits in Air	% vol/vol	No data available
Viscosity @ 20°C	cPs, mPas	100
Percent volatiles	% vol/vol	> 70
Acidity/alkalinity as pH	None	8 – 9
Solubility in Water	g/l	Miscible
Other solvents	-	Alcohols

The values listed are indicative of this product's physical and chemical properties. A Certificate of Analysis for each product batch can be made available on request.

**10. STABILITY AND REACTIVITY**

**Chemical stability**

Stable at room temperature and pressure

**Conditions to avoid**

Excessive heat, oxidising agents, mineral acids, strong alkalis

**Hazardous decomposition products**

Carbon monoxide, carbon dioxide, other complexes on incomplete burning or oxidation

**Hazardous reactions**

None established

**Hazardous polymerisation**

Will not occur

**11. TOXICOLOGICAL INFORMATION****Acute Effects****Ingestion**

This product is not considered to be toxic if ingested but may result in mild narcotic effects. If intentionally misused the product may cause discomfort on swallowing, headaches, and nausea if consumed in a large quantity and likely result in gastric disturbance.

**Eye Contact**

This product is not considered toxic if in contact with eyes or eye tissue. As with any foreign material there may be some discomfort if eye contact occurs, which can be relieved with First Aid.

**Skin Contact**

Contact with this product may result in mild irritations evidenced by itchiness or dryness of the affected area. This product is not considered toxic or harmful via contact with skin.

**Inhalation**

This product may produce mild vapours at elevated temperatures; irritating fumes are unlikely in normal and regular use; it is considered to have no effect via inhalation.

**Chronic Effects**

There are no known chronic effects associated with this product, and it is considered not to be toxic or harmful via standard routes of exposure.

**Other Health Effects Information**

Individuals with pre-existing skin or respiratory conditions, such as psoriasis or eczema, may be sensitive to this product.

**Toxicological Information**Oral LD<sub>50</sub>: No data available: consider > 2000 mg/kgDermal LD<sub>50</sub>: No data available: consider > 2000 mg/kg**12. ECOLOGICAL INFORMATION****Ecotoxicity****Aquatic Toxicity:**Fish Toxicity LC<sub>50</sub>: No data available; consider > 1000 mg/LDaphnia Magna EC<sub>50</sub>: No data available; consider > 1000 mg/L

Blue-green algae: No data available; consider &gt; 1000 mg/L

Green algae: No data available; consider &gt; 1000 mg/L

**Persistence/Biodegradability:** Elements of this product are likely to persist**Mobility:** This product (in large quantities) will be mobile on release to the environment, risking contamination of waterways, soils and grasslands**13. DISPOSAL CONSIDERATIONS****Disposal Methods**

This product is not considered to pose an environmental threat when dry, and is safe for disposal to landfill. Our company does encourage recycling, and empty packaging is suitable for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities in these instances.

**Special Precautions**

Dry product is suitable for disposal by landfill; and, it is discouraged to dispose of these products via municipal sewers, drains, natural streams or rivers. Wet product and packaging should be treated and disposed through chemical waste treatment, or considered for use in recycling.

**14. TRANSPORT INFORMATION**

Road and Rail Transport		Marine Transport		Air Transport	
UN No.	N/R	UN No.	N/R	UN No.	N/R
Proper Shipping Name	Paint, paint related materials	Proper Shipping Name	Paint, paint related materials	Proper Shipping Name	Paint, paint related materials
DG Class	N/R	DG Class	N/R	DG Class	N/R
Sub. Risk	None	Sub. Risk	None	Sub. Risk	None
Packing Group	N/R	Packing Group	N/R	Packing Group	N/R
Hazchem	N/R	Hazchem	N/R	Hazchem	N/R

**Dangerous Goods Segregation**

This product is not regulated for transport by Road and Rail.

**15. REGULATORY INFORMATION**

**Country/Region:** Australia

**Inventory:** AICS

**Status:** Listed

**Poisons Schedule:** None

**16. OTHER INFORMATION**

**Reasons for Issue:** New product; amalgamated supplier and regulatory updates in all sections

**Abbreviations:**

AICS: Australian Inventory of Chemical Substances

ATE: Acute Toxicity Estimate

CAS Number: Chemical Abstracts Number

GHS: Globally Harmonised System

IARC: International Agency for Research on Cancer

IUCLID: International Uniform Chemical Information Database

PPE: Personal Protective Equipment

EC: European Chemical identification number

EINECS: European Inventory of Existing Chemical Substances

LoW: List of Wastes

LC<sub>50</sub>: Lethal Concentration to 50% of sample population

LD<sub>50</sub>: Lethal Dose to 50% of sample population

N/R: Non-regulated

N/A: Not applicable

PEC: Predicted Effect Concentration

PNEC: Predicted Non-effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

UN: United Nations

**References:**

- Supplier Safety Data Sheets
- <http://hsis.safework.gov.au/SearchHS.aspx> (August 17)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (August 17)
- Ecotoxicology data: [http://cfpub.epa.gov/ecotox/quick\\_query.htm](http://cfpub.epa.gov/ecotox/quick_query.htm) (August 17)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

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The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Mont Marte International Pty Ltd.

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