

SAFETY DATA SHEET INFORMATION

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

Issue: June 21

PRODUCT: Mont Marte Plaster of Paris - Signature
PRODUCT CODE: MMSP0022
Other Names: Mont Marte Signature Plaster of Paris (1kg)
Uses: Casting, modelling, sculpture, moulding
Signal Word: None

UN No.:	N/R
Dangerous Goods Class:	N/R
Subsidiary Risk:	None
Packing Group:	N/R
Hazchem Code:	N/R

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

Physical Characteristics (Typical) Section 9 of the SDS

Appearance	White powder
Melting Point/Range (°C):	1460
Flash Point (°C):	Not applicable
Specific Gravity/Density (g/ml @ 15°C):	2.32
pH:	No data available
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Strong oxidisers and acids

Product Ingredients Section 3 of the SDS

Ingredient	CAS Number	EINECS Number	Proportion
Ingredients determined not to be hazardous	various	various	> 95
Sulfur Trioxide	7446-11-9	231-197-3	< 1.0

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.

1. IDENTIFICATION

Product Name: Mont Marte Plaster of Paris – Signature
Product Code: MMSP0022
Other Names: Mont Marte Signature Plaster of Paris
Chemical Family: Sculpting media
Molecular Formula: Mixtures
Recommended Use: Casting, modelling, sculpting, moulding
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

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

Signal Word None

3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	EC Number	Proportion (% v/v)
Ingredients determined not to be hazardous	various	various	> 95
Sulfur Trioxide	7446-11-9	231-197-3	< 1.0

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

This product will not burn. Consider media for surrounding packaging or nearby materials

Hazards from combustion products

This product will not burn. There are no combustion hazards associated with this product.

Precautions for fire fighters and special protective equipment

None specified

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 dusts from building up in confined areas;
- Ensure that drain valves are closed at all times (this product will clog and set hard in drains); and
- Clean up and report spills immediately.

7. HANDLING AND STORAGE

Precautions for Safe Handling

This product can become dusty, risking combustion hazard with an ignition source. Keep container closed when not in use. Wear appropriate PPE to avoid inhalation, skin and eye contact.

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

Oxidising agents and mineral acids

8. EXPOSURE CONTROLS: PERSONAL PROTECTION

National Exposure Standards

The time weighted average concentration (TWA) for this product is: None specified; consider 5 g/m³, 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/m³, 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 powder
Melting Point/Range	°C	1460
Flash Point	°C	Not applicable
SG/Density (@ 15°C)	g/ml; kgm ⁻³	2.32
Vapour Pressure @ 20°C	kPa	No data available
Vapour Density @ 20°C	g/ml; kgm ⁻³	No data available
Autoignition Temperature	°C	No data available
Explosive Limits in Air	% vol/vol	No data available
Viscosity @ 20°C	cPs, mPas	No data available
Percent volatiles	% vol/vol	nil
Acidity/alkalinity as pH	None	No data available
Solubility in Water	g/l	Insoluble
Other solvents	-	Insoluble

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

Strong oxidisers and acids

Hazardous decomposition products

Carbon monoxide, carbon dioxide, other organic complexes on incomplete oxidation

Hazardous reactions

None established

Hazardous polymerisation

Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Effects

Ingestion

This product is unlikely to be ingested in the normal course of use, but if intentionally misused it will result in skin irritation, heating and may cause redness, burns, and itching. This product is designed to be mixed with water to create a paste, but dusts may be irritating to nose, throat and mouth.

Eye Contact

This product may cause irritation to eye tissue resulting in tearing, redness, and swelling. Avoid contact with eye tissue and apply First Aid promptly to limit the effects of contact.

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 hazardous via contact with skin.

Inhalation

Dusts of this product may be irritating to nose, throat and mucose membranes. In large quantities, consider using a dust mask and gloves to protect skin.

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. It is unlikely that ingestion will produce narcotic effects.

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 LD₅₀: No data available: consider > 2000 mg/kg

Dermal LD₅₀: No data available: consider > 2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC₅₀: No data available; consider > 1000 mg/L

Daphnia Magna EC₅₀: No data available; consider > 1000 mg/L

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

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

Persistence/Biodegradability: Elements of this product will persist (pigments and waxes)

Mobility: This product is a solid and unlikely to be considered an environmental contaminant.

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. Do not dispose of wet product into drains or sinks. The product will set and clog drains. Allow product to dry, then break up and dispose in general landfill or waste.

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	Plaster of Paris (calcium sulfate)	Proper Shipping Name	Plaster of Paris (calcium sulfate)	Proper Shipping Name	Plaster of Paris (calcium sulfate)
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

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

LC₅₀: Lethal Concentration to 50% of sample population

LD₅₀: 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://hcis.safeworkaustralia.gov.au/HazardousChemical> (June 21)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (June 21)
- Ecotoxicology data: <https://cfpub.epa.gov/ecotox/search.cfm> (June 21)
- *Sax's Dangerous Properties of Industrial Materials*, Richard J Lewis Snr., pub. Canada (2005)

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.
