



## SAFETY DATA SHEET INFORMATION

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

Issue: August 21

**PRODUCT:** Mont Marte Calligraphy Ink - Signature  
**PRODUCT CODE:** MMCA0001, MMCA0003, MMGS0042  
**Other Names:** Mont Marte Calligraphy Pens - coloured ink cartridges  
**Uses:** Writing, Drawing (various colours)  
**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>IMDG:</b>	N/R

<b>Hazard Category:</b>	This product classification is in accordance with the Regulation EC#1272/2008, and determined not to be hazardous.
<b>Hazard Statement:</b>	Not hazardous: intentionally left blank
<b>GHS Classification:</b>	No GHS classification applies: not hazardous
<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	Coloured, water-based ink (0.7g fluid each)
Boiling Point/Range (°C):	> 100
Flash Point (°C):	> 100
Specific Gravity/Density (g/ml @ 15°C):	1.00 – 1.07
pH:	Neutral
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
Ingredients determined not to be hazardous	various	various	> 95
Inorganic and Organic Pigments and colourants	various	various	< 5

For further ingredients information, please refer to the full SDS

### 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 Calligraphy Ink - Signature  
**Product Code:** MMCA0001, MMCA0003, MMGS0042  
**Other Names:** Mont Marte Calligraphy Pens - coloured ink cartridges (7 colours)  
**Chemical Family:** Water-based ink in cartridge (0.7g ink per cartridge)  
**Molecular Formula:** Mixtures  
**Recommended Use:** Writing, Drawing (various colours)  
**Supplier:** Mont Marte International Pty Ltd.  
**ACN:** 101 589 897  
**Address:** PO BOX 303, SALISBURY QLD 4107 Australia  
**Telephone:** +61 7 3255 5406 (During office hours: 9am – 5pm)  
**Fax:** +61 7 3255 5409  
**Emergency Phone:** **CHEMCALL®: + 64 4 917 9888**  
**All other inquiries:** [www.montmarte.com](http://www.montmarte.com)

## 2. HAZARDS IDENTIFICATION

### Hazard Category

This product classification is in accordance with the Regulation EC#1272/2008, and determined not to be hazardous.

### GHS Classification

Not hazardous: intentionally left blank

### GHS Pictograms

Not hazardous: intentionally left blank

### Hazard Statement

Not hazardous: intentionally left blank

### Hazard Statements

Not hazardous: intentionally left blank
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### Precautionary Statements

Not hazardous: intentionally left blank
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**Dangerous Goods Classification** N/R

**Signal Word** None

Supplemental Hazard information (EU)<sup>58</sup>: Not applicable.

## 3. COMPOSITION: Information on Ingredients

Chemical Ingredient	CAS Number	EC Number	Proportion (% v/v)
Ingredients determined not to be hazardous	various	various	> 95
Inorganic and Organic Pigments and colourants	various	various	< 5

## 4. FIRST AID MEASURES

For advice, contact Poisons Centre <https://poisoncentres.echa.europa.eu> or your local 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	Coloured, water-based ink (0.7g fluid each)
Boiling Point/Range	°C	> 100
Flash Point	°C	> 100
SG/Density (@ 15°C)	g/ml; kgm <sup>-3</sup>	1.00 – 1.07
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	No data available
Percent volatiles	% vol/vol	> 60
Acidity/alkalinity as pH	None	Neutral
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**

If intentionally misused the product may cause discomfort on swallowing, headaches and nausea; if consumed in a large quantity and may result in gastric disturbance, and vomiting. Do not ingest fluid.

#### **Eye Contact**

This product is not considered harmful 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**

This product will have a drying effect on the skin and will likely form a peelable film. Individuals with skin conditions may be sensitive to this product; in these cases, avoid direct contact with product through the use of gloves or other protective clothing.

#### **Inhalation**

This product does not produce irritating vapours or fumes and is considered to have little 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

There are no other health effects predicted with this product.

### Toxicological Information

Oral LD<sub>50</sub>: No data available: consider > 2000 mg/kg

Dermal LD<sub>50</sub>: No data available: consider > 2000 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### **Aquatic Toxicity (Acute):**

Fish Toxicity LC<sub>50</sub>: No data available; consider > 1000 mg/L

Daphnia Magna EC<sub>50</sub>: 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

#### **Aquatic Toxicity (Chronic):**

Fish Toxicity LC<sub>50</sub>: No data available; consider > 1000 mg/L

Daphnia Magna EC<sub>50</sub>: 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:** This mixture is expected to biodegrade on exposure to light and air.

**Bioaccumulative Potential:** This mixture does not contain any substances that are assessed to be a Persistent, Bioaccumulative and Toxic (PBT) Substance.

**Mobility:** The components of this product are 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. Consult the List of Wastes (LoW) for management.

### 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. There are no specific instructions for recycling this product or its packaging.

## 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	Drawing media	Proper Shipping Name	Drawing media	Proper Shipping Name	Drawing media
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.

### Environmental Hazards

There are no specific environmental considerations for transport of this product.

### Special Precautions for Transport

Transport in bulk according to Annex II of MARPOL and the IBC Code.

## 15. REGULATORY INFORMATION

**Country/Region:** Australia, Europe, USA, Asia

**Inventory:** AICS, ECHA

**Status:** Listed

**UN Number:** N/R

**Dangerous Goods Class:** N/R

**Subsidiary Risk:** None

**Packing Group:** N/R

**Hazchem Code:** N/R

**IMDG:** N/R

## 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

EC: European Chemical identification number

ECHA: Classification and Labelling Inventory

EINECS: European Inventory of Existing Chemical Substances

GESTIS: German Listing of Hazardous Substance by Occupational Limit Values, occupational medicine

GHS: Globally Harmonised System

IARC: International Agency for Research on Cancer

IUCLID: International Uniform Chemical Information Database

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

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

LoW: List of Wastes

N/A: Not applicable

N/R: Non-regulated

PEC: Predicted Effect Concentration

PNEC: Predicted Non-effect Concentration

PPE: Personal Protective Equipment

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 21)
- Animal toxicology data: <http://chem.sis.nlm.nih.gov/chemidplus> (August 21)
- Ecotoxicology data: <https://cfpub.epa.gov/ecotox/search.cfm> (August 21)
- *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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