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SAFETY DATA SHEET INFORMATION

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

Issue: September 26

PRODUCT: Mont Marte Dual Tip Fabric Markers - Signature

PRODUCT CODE: MMPM0054, MMPM0055

Other Names: Mont Marte Dual Tip Fabric Markers: 24pc

Uses: Marker pens for drawing on textiles. Intended to be heat-set after application.

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	Coloured marker (1.7g ink in each)
Boiling Point/Range (°C):	No data available
Flash Point (°C):	No data available
Specific Gravity/Density (g/ml @ 15°C):	No data available
pH:	Neutral
Chemical Stability:	Stable at room temperature and pressure
Reactivity:	Excessive heat

Product Ingredients — Section 3 of the SDS

Ingredient	CAS Number	EINECS Number	Proportion
Ingredients determined not to be hazardous	various	various	> 90
Preservative: Bronopol	52-51-7	200-143-0	< 0.1
Organic Pigments	various	various	< 10
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 Chemicals are those materials 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. Hazardous Chemicals can attract a number of classifications, which are identified by the pictograms (if any) indicated on the SDS or label.

SUMMARY INFORMATION ONLY

1. IDENTIFICATION

Product Name: Mont Marte Dual Tip Fabric Markers - Signature
Product Code: MMPM0054, MMPM0055
Other Names: Mont Marte Dual Tip Fabric Markers: 24pc
Chemical Family: Drawing, colouring media
Molecular Formula: Mixtures
Recommended Use: Marker pens for drawing on textiles. Intended to be heat-set after application.
Supplier: Mont Marte Pty Ltd.
ACN: 645 797 146
Address: PO BOX 373, CANNON HILL QLD 4170
Telephone: +61 7 3255 5406
Emergency Phone: **CHEMCALL®: 1800 127 406**
All other inquiries: montmarte.com

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	> 90
Preservative: Bronopol	52-51-7	200-143-0	< 0.1
Organic Pigments	various	various	< 10

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.

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^3, 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^3, 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 marker (1.7g ink in each)
Boiling Point/Range	°C	No data available
Flash Point	°C	No data available
SG/Density (@ 15°C)	g/ml; kgm^{-3}	No data available
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	> 70
Acidity/alkalinity as pH	None	Neutral
Solubility in Water	g/l	Soluble
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

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, nausea, euphoria, and vomiting. Do not ingest marker 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 humectant effect on this skin (attract moisture from the atmosphere). Skin may become slippery where colour bleeds to the skin. Avoid unnecessary contact with skin.

Inhalation

This product has a mild odour and is considered to have a mild 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_{50}: No data available: consider > 2000 mg/kg

Dermal LD_{50}: No data available: consider > 2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Toxicity:

Fish Toxicity LC_{50}:	No data available; consider > 1000 mg/L
Daphnia Magna EC_{50}:	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.

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.

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	Drawing, colouring media	**Proper Shipping Name**	Drawing, colouring media	**Proper Shipping Name**	Drawing, colouring 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.

15. REGULATORY INFORMATION

Country/Region: Australia

Inventory: AICIS

Status: Listed

Labelling Notes: There are no specific labelling requirements for this product.

16. OTHER INFORMATION

Reasons for Issue: Updated SDS; no significant changes to information.

Abbreviations:

AICIS: Australian Industrial Chemicals Introduction Scheme
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_{50}: Lethal Concentration to 50% of sample population
LD_{50}: 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
SUSMP: Standard for the Scheduling of Medicines and Poisons
UN: United Nations

References:

- Supplier Safety Data Sheets
- http://hcis.safeworkaustralia.gov.au/HazardousChemical (September 26)
- https://tinyurl.com/ECHA-Reach-Chemical-Search (September 26)
- Animal toxicology data: https://portal.apvma.gov.au/pubcris (September 26)
- Ecotoxicology data: https://cfpub.epa.gov/ecotox (September 26)

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 Pty Ltd.