SAFETY DATA SHEET (SDS)

Micador Picture Varnish Satin

1. Product Identifier & Identity for the Chemical

Product name	**Micador Picture Varnish Satin 450g 175g**
Other name	**None**
Product code	**PCA066 450g**
	PCA069 175g
Recommended use	Art & Craft
Restrictions on use	None Known

Company name	Micador Australia Pty Ltd
ABN	98 004 509 880
Address	4/132 Bangholme Road, Dandenong South, VIC 3175
Emergency phone	03 8788 1800 (Monday – Friday from 9am – 5pm)
Phone	03 8788 1800
Fax	03 8788 1810
Email	safety@micador.com.au

Poisons Information Centre

AUSTRALIA	13 11 26
NEW ZEALAND	0800 764 766 or 0800 POISON

2. Hazard Identification

Classification of the hazardous chemical

Hazard Classification	This product is classified as hazardous under Australian WHS Regulations. This product is classified as a Dangerous Good by the Australian Dangerous Goods Code. Flammable Aerosols, Cat 1 Skin corrosion/irritation, Cat 2 Serious eye damage/eye irritation, Cat 2 Carcinogenicity, Cat 2
Hazard Statement(s)	Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. H222 Extremely flammable aerosol H280 Contain gas under pressure; may explode if heated H315 Causes serious skin irritation H319 Causes serious eye irritation H351 Suspected of causing cancer
Signal	Danger

Hazard Symbol

Precautionary Statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P260 Do not breathe dust/fumes/gas/mist/vapours/spray.
P262 Do not get in eyes, on skin, or on clothing.
P281 Use personal protective equipment as required.
P271 Use only in a well-ventilated area.
P312 Call a POISON CENTER/ doctor if you feel unwell.
P305 IF IN EYES: wash out immediately with water.
P302 IF ON SKIN: remove contaminated clothing and wash thoroughly.
P301 + P331 IF SWALLOWED: rinse mouth with water. Do NOT induce vomiting.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50ºC/122ºF.

For further health and safety information please refer to the full SDS.

Note: This product should not be used in any purpose or manner contrary to recommended use unless authorised.

3. Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Xylene	1330-20-7	10 - 30%
Dichloromethane	75-09-2	10 - 30%
Hydrocarbon propellant		30 – 60%
- Propane	74-98-6	
- Butane	106-97-8	
Other ingredients		to 100%

4. First Aid Measures

For advice, contact a Poisons Information Centre, Phone Australia 13 1126; New Zealand 0800 764 766, or a doctor. Ensure medical personnel are aware of the identity and nature (hydrocarbon propelled aerosol) involved.

Inhalation Remove victim to fresh air to prevent further exposure. Propane is an asphyxiant. If breathing difficulties are experienced, seek immediate medical care. Do not use direct mouth to mouth method of resuscitation, use alternative respiratory method.

Skin Contact Remove contaminated clothing and shoes and wash well skin with warm soapy water. If irritation persists, contact a doctor.

Eye Contact Flush out immediately with running water for at least 15 minutes. If symptoms persist, seek medical attention.

Ingestion Due to high volatility of product, this is not likely to occur. If sprayed in mouth, rinse mouth with plenty of water. If swallowed, do NOT induce vomiting. Seek medical attention.

5. Fire Fighting Measures

Beware - heat greater than 50 C / 122 ºF may cause these extremely flammable, pressurised dispensers to rupture, and violently rocket in various directions. These rockets will release flammable and potentially toxic gasses, which will increase the risk of fire spreading. In extinguishing any fire beware of any residual unburnt gas that could reignite.

Suitable extinguishing media
Small fire: Use water spray/fog/foam, dry chemical or carbon dioxide (CO2).
Large fire: Use water spray/fog/foam.

Specific hazards arising from the chemical
Aerosols may rupture and rocket (become projectiles) when exposed to excessive heat. Released gases can form extremely flammable, invisible, odourless explosive mixtures with air. Released gases can be heavier than air and travel to source of ignition causing flashback. Hazardous concentrations can accumulate in a confined space (pits, low laying areas). Fire can produce irritating, poisonous and corrosive gases. High concentration of gas could cause dizziness or asphyxiation without warning

Special protective equipment and precautions for fire fighters
For large quantities, consider initial evacuation for at least 100m in all directions.
Fight fire from protected position or use unmanned hose holders or monitor nozzles.
Use spark-proof tools and explosion-proof equipment.
Wear SCBA and protective gloves. Structural firefighter's uniform provides limited protection. If large amounts are involved, wear SCBA and chemical splash suit.
If impossible to safely extinguish fire, protect surroundings, withdraw from area and allow fire to burn.

Hazchem Code (for Placarding and transport only)
If safe to do so, move undamaged aerosols from fire area but do not approach hot aerosols.
Cool aerosols with water before handling.
2YE
Class 2 flammable Gas

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Spill is flammable (until LPG dissipates). Eliminate all sources of ignition including static discharge.
Wear protective gloves and safety glasses to prevent contamination of skin and eyes.
Minor spills: Keep area well ventilated and wipe up.
Major spills: Isolate spill or leak area for at least 8 m in all directions. Eliminate all sources of ignition within at least 15m.
Keep upwind and to higher ground (propellant gas is heavier than air and will seek low points, pay special attention to drains and pits - these will likely be explosive environments).
Major fire: Consider initial evacuation for at least 100 m in all directions

Environment precautions None Known

Methods and materials for containment and cleaning up
Eliminate all ignition sources, including static within at least 15 m. All equipment used when handling the product must be earthed.
If water is available, spray leaking containers to reduce ignition hazard and disperse gas. Isolate area until gas has dispersed. Ventilate area. Avoid release to the environment. Do not empty into drains or natural waterways. Absorb spill with inert absorbent material (e.g. dry sand or earth) for disposal using an approved method or following local regulations.

7. Handling and Storage

Precautions for safe handling
Ensure spray nozzle is always directed away from user. Do not pierce or burn can after use. Extremely flammable- Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Do not breathe concentrated, vapour, mist or spray. Local exhaust ventilation may be necessary to minimise excessive vapour concentration (as long as they do not introduce risk of ignition), if levels are likely to be high or in a confined space.

Conditions for safe storage, including any incompatibilities
Keep out of reach of children.
Store in a well-ventilated area, away from damp or corrosive conditions. Protect from sunlight and do not expose to temperatures exceeding 50 °C / 122 ºF. Store in accordance with Dangerous Goods Regulations and transport in accordance with the ADG Code for Dangerous Goods Class 2.1

8. Exposure Controls/Personal Protection

Control parameters – exposure standards, biological monitoring
There is no established TLV (Threshold Limit Value) for this product. Avoid exposure – obtain special instructions before use.
Butane - TWA (Time-Weighted Average) is 800ppm / 1900mg/m3
Propane is an asphyxiant
Biological Limit Values Not Available

Appropriate engineering control
No smoking. No flames or sources of ignition. Local exhaust ventilation may be necessary to minimise excessive vapour concentration, if levels are likely to be high or in a confined space.

Personal protective equipment (PPE)
Personal Protective Equipment is not required under normal conditions of use. When handling bulk quantities, wear protective gloves and safety glasses. Do not exceed exposure limits.

9. Physical and Chemical Properties

Appearance	Aerosol, fine clear spray
Odour	Solvent like
Odour threshold	Not Known
pH	Not Known
Melting point/freezing point	Not Known
Boiling point and boiling range (propellant)	-42 to 0°C
Flash point (propellant)	-104 to -60°C
Evaporation rate	Not Known
Flammability	Not Known
Upper/lower flammability or explosive limits (propellant)	1.5% to 9.6% in air (v/v)
Vapour pressure	Not Known
Vapour density	Not Known
Relative density	Not Known
Solubility (ies)	Immiscible
Specific Gravity (propellant)	0.58 approx.
Partition coefficient: n-octanol/water	Not Known
Ignition temperature (propellant)	494°C to 600°C

Decomposition temperature	Not Known
Viscosity	Not Known
Specific heat value	Not Known
Particle size	Not Known
Volatile organic compounds content	Not Known
% volatile	Not Known
Saturated vapour concentration	Not Known
Release of invisible flammable vapours and gases	Not Known

Additional parameters

Shape and aspect ratio	Not Known
Crystallinity	Not Known
Dustiness	Not Known
Surface area	Not Known
Degree of aggregation or agglomeration	Not Known
Ionisation (redox potential)	Not Known
Biodurability or biopersistence	Not Known

10. Stability and reactivity

Chemical stability	Stable under normal ambient conditions of storage and use. Avoid heat sources. Aerosol cans may explode/burst violently when subject to extremes of heat or pressure and may become projectiles.
Conditions to avoid	Heat, flames and sparks. Avoid static charge and discharge with high concentrations and in confined space. Avoid damp conditions.
Incompatible materials and possible hazardous reactions	Can react violently with oxidising agents – chlorine, pool chlorine or nitric acid.
Hazardous decomposition products	Products may include oxides of carbon and nitrogen.

11. Toxicological information

Potential adverse health effects and symptoms associated with exposure to the material
Vapours may cause drowsiness and dizziness.

Acute health effect

Swallowed	Unlikely due to high volatility of product, but is harmful, maybe harmful if swallowed
Eye Contact	Liquid will cause severe damage, vapour may cause irritation
Skin Contact	May cause cold burn. Irritating to skin
Inhalation	Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. May cause light-headedness, dizziness and drowsiness.

Excessive exposure may cause unconsciousness or even death, due to asphyxiation.

12. Ecological information

The information provided is based on data available for the material and the components of the material.

Ecotoxicology	Propellant will vapourise rapidly when released to atmosphere. Propellant consists of hydrocarbons that photo chemically decompose under atmospheric conditions.
Persistence and degradability	Not Known
Bioaccumulative potential	Not Known
Mobility in soil	Not Known
Other adverse effects	Not Known

13. Disposal considerations

Disposal of material must comply with local laws and regulations at time of disposal.

Consumer Instructions	Do not pierce or burn can. Containers can be disposed of in the normal household waste stream. Recycle empty can.
Bulk quantities	Dispose of according to Local, State and National regulations.

14. Transport information

Transport in accordance with the requirements of ADG Code.

UN number	1950
Proper shipping name	Aerosols
Emergency Procedure	2DI
Class and Subsidiary risk(s)	2.1
Transport hazard class(es)	Not Known
Packing group	Not applicable
Environmental hazard	Not Known
Special precautions for use	Keep out of reach of children. Spray in well ventilated area. Keep away from sources of ignition – No smoking. Extremely flammable - Do not spray on a naked flame or any incandescent material. Always test spray on work sample before proceeding
Hazchem code	2YE

15. Regulatory information

Safety, health environmental regulations specific for the product in question Not Known

Poisons schedule number Not Known

16. Other information

Date of preparation or review	31st December 2016
Key abbreviation or acronyms used	N/A