

Safety Data Sheet

CLASSIFICATION OF MATERIAL

Products classified as Hazardous and Dangerous Goods according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 4th Revised Edition and the ADG Code.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Matisse Medium

Final Varnish Satin Finish (Turps based)

Codes: MM29

Use: Educational, Decorative and Professional Painting

Manufacturer/Supplier

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Poisons Information Centre Australia: 13 1126

Poisons Information Centre New Zealand: 0800 764 766

2. HAZARD IDENTIFICATIONS

GHS Classification:

2.1 Hazard Classification: Hazardous Substance. Dangerous Goods.

GHS Classification	Pictograms	Hazard statement
Flammable Liquids - Category 3	 Flammable	<ul style="list-style-type: none"> H226 Flammable liquid and vapour
Skin Corrosion/Irritation Category 2	 Irritant	<ul style="list-style-type: none"> H315 Causes skin irritation H319 Causes serious eye irritation H335 May cause respiratory irritation
Serious Eye Damage/Irritation – Category 2A		
Specific Target Organ Toxicity (Single exposure) Category 3		
Aspiration Hazard - Category 1	 Health Hazard	<ul style="list-style-type: none"> H304 May be fatal if swallowed and enters airways
Chronic Aquatic Toxicity - Category 2	 Environmentally Damaging	<ul style="list-style-type: none"> H411 Toxic to aquatic life with long lasting effects

2.2 Precautionary statements:**GENERAL**

- 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

PREVENTATIVE

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
- P233 Keep container tightly closed
- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilation/lighting equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid breathing mist/vapours/spray
- P264 Wash thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P273 Avoid release to the environment
- P280 Wear protective gloves/eye protection/face protection

2.3 RESPONSE

- P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water
- P303 + P361 + P353 IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower
- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P331 Do NOT induce vomiting
- P332 + P313 If skin irritation occurs: Get medical advice/attention
- P337 + P313 If eye irritation persists: Get medical advice/attention
- P362 Take off contaminated clothing and wash before reuse
- P370 + P378 In case of fire: Use foam/water spray/fog for extinction
- P391 Collect spillage

2.4 STORAGE

- P403 + P233 Store in a well-ventilated place: Keep container tightly closed
- P403 + P235 Store in a well-ventilated place: Keep cool
- P405 Store locked up

2.5 DISPOSAL

- P501 Dispose of contents/container in accordance with local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	% w/w	CAS NUMBER
Solvent naphtha (petroleum), light aromatic; Low boiling point naphtha - unspecified	< 60	Various
Acrylic Polymer Resin	< 35	Proprietary
Silicon Dioxide	< 5	112945-52-5

4. FIRST AID AND MEASURES

4.1 Description of Necessary First Aid Measures

- Ingestion:** Immediately remove product from the mouth. If swallowed, do NOT induce vomiting. Transport to nearest medical facility
- Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes. If irritation persists seek medical attention.
- Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. If skin reaction or irritation occurs, discontinue use and seek medical attention.
- Inhalation:** If fumes or combustion products are inhaled, remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.

4.2 Medical Attention and Special Treatment

First Aid Facilities: No special facilities required.

Comments: Treat according to person's condition and specifics of exposure.

Advice to Doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Equipment:

Carbon dioxide, dry chemical powder, water spray or fog and foam may be used as extinguishing media. Do not use water in a jet.

5.2 Specific Hazards Arising From the Chemical:

Carbon monoxide may be evolved if incomplete combustion occurs. Will float and can be reignited on surface water. Vapour is heavier than air, can spread along ground and distant ignition is possible.

5.3 Special Protective Equipment and Precautions For Fire Fighters:

Determine the need to evacuate or isolate the area according to your local emergency plan. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion. Hazchem code 3Y.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Transfer material to a suitable labelled container for recycling or disposal.

6.2 Environmental Precautions:

Do not allow large quantities to enter drains or surface waters.

6.2 Methods and Materials for Containment and Clean Up:

In case of gross spillage wear protective equipment to prevent eye contact. Bund area using dry sand or other inert materials to prevent run off into drains and waterways. Pump or scoop any free liquid into an appropriate container for disposal. Clean up spill area with absorbent dry sand, vermiculite or other

inert material. Collect and seal in properly labelled container(s) for disposal as per local regulations. Do not flush to drains, waterways or sewers.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Flammable product so avoid breathing vapours. Handle and open containers with care in a well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated area and away from sunlight, ignition sources and other sources of heat. Do not store near aerosols, flammables, strong oxidants and corrosives. Precautions for Safe Handling:

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Guidelines:

No exposure standards are available for this product; however use **National Occupational Health & Safety Commission (NOHSC) Worksafe Australia, use: Aromatic solvents 169-185, HSPA 100mg/m³ TWA (8hr).**

8.2 Biological Limit Values: Not known.

8.3 Engineering Controls: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate.

8.4 Personal Protection Equipment:

Eye/Face Protection: Safety glasses with side shields, goggles or full-face shield as appropriate are recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform to Australian/New Zealand Standard AS/NZS 1337.

8.5 Respiratory Protection:

Avoid breathing of vapours/mists; ensure adequate ventilation. Respiration is generally unnecessary; unless working with spray applying (airbrush equipment or some other form of atomizing spray equipment). Where breathing apparatus is required, use either respirator with organic/ammonia cartridge, or a Self-Contained Breathing Apparatus (SCBA) with positive air supply. All the breathing apparatus used to be complied with AS/NZS 1715/1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Description / Properties

Appearance:	Colourless/pale yellow thin liquid
Odour:	Aromatic Odour.
Specific Gravity (@ 25°C):	0.78 – 1.00 g/mL
Boiling Point:	> 100°C.
Solubility in Water:	Insoluble.

pH:	No applicable.
Viscosity (cP @ 25°C):	Not applicable.
Vapour Pressure:	Not applicable.
Vapour Density:	Not applicable.
Freezing Point (°C):	Not applicable.
Melting Point (°C):	Not applicable.
Flammability	Flammable.
Flash Point (°C):	42.0.
Lower and upper Explosive Limit (%):	0.01 – 7.00.
Auto ignition Temp (°C):	300.
Decomposition Temp (°C):	Not available.

10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** Stable under normal conditions of use.
- 10.2 Chemical Stability:** The product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- 10.3 Conditions To Avoid:** Direct sunlight, heat, sparks, open flames and other ignition sources.
- 10.4 Incompatible Materials and Possible Hazardous Reactions:**
Strong oxidising agents.
- 10.5 Hazardous Decomposition Products:**
Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids, gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

- 11.1 Likely Route of Exposure:** Inhalation Skin contact Ingestion
- 11.2 Health Effects from Likely Route of Exposure:**
Acute toxicity: Expected to be of low toxicity - LD50 Oral (rat) > 2000mg/kg
Skin corrosion/irritation: Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
Serious eye damage/irritation: Mild irritant.
Respiratory or skin sensitisation: Not expected to be a sensitiser.
Germ cell mutagenicity: Not expected to be mutagenic.
Carcinogenicity: Not expected to be carcinogenic.
Reproductive toxicity: Not expected to impair reproduction.
Specific Target Organ Toxicity (STOT) – single exposure: Data not available
Specific Target Organ Toxicity (STOT) – repeated exposure:
Auditory system: prolonged and repeated exposures to high concentrations have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss.
Central nervous system: repeated exposure affects the nervous system.
Aspiration hazard: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

12. ECOLOGICAL INFORMATION

12.1 Eco toxicity:

Fish – Expected to be toxic: 1 < LC/EC/IC50 <= 10mg/L

Aquatic invertebrate – Expected to be toxic: 1 < LC/EC/IC50 <= 10mg/L

Algae – Expected to be toxic: 1 < LC/EC/IC50 <= 10mg/L

Microorganisms – Expected to be toxic: 1 < LC/EC/IC50 <= 10mg/L

12.2 Persistence and Degradability: Readily biodegradable and oxidises by photo-chemical reactions in air.

12.3 Bioaccumulation Potential: Has the potential to bio-accumulate.

12.4 Mobility in Soil: Floats in water.

12.5 Other Adverse Effects: No adverse effects on bacteria are predicted

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Method: Ensure waste disposal conforms to local waste disposal regulations.

13.2 Disposal of Contaminated Packaging:

Recycle or landfill.

13.3 Environmental Regulations: Not relevant.

14. TRANSPORT INFORMATION

14.1 UN Number: 1866.

14.2 UN Proper Shipping Name: RESIN SOLUTION, FLAMMABLE

14.3 Dangerous Goods Class: 3 Flammable Liquid.

Packing Group: III

14.4 Environmental Hazards: Dangerous for the environment.

14.5 Special Precautions during Transport: Class 3 - Flammable Liquids are incompatible in a placard load with any of the following: - Class 1, Explosives - Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk - Class 2.3, Toxic Gases - Class 4.2, Spontaneously Combustible Substances - Class 5.1, Oxidising Agents and Class 5.2, Organic Peroxides - Class 6, Toxic Substances (where the flammable liquid is nitromethane) - Class 7, Radioactive Substances.

14.6 HAZCHEM Code: 3Y.

Additional Shipping Information:

Road and Rail Transport (ADG): Classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and rail.

Marine Transport (IMO/IMDG): Classified as a Dangerous Good according to the International Maritime Organization Rules (Maritime Dangerous Goods Code - IMDG Code) for transport by sea.

Air Transport (ICAO-IATA): Classified as a Dangerous Good according to the International Civil Aviation Organization (ICAO) and International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. Note: May vary from country to country.

Disclaimer:

The above information is accurate to the best of the knowledge available to us. However, since data, safety standards and Government regulations are subject to change, and the conditions of handling and use (or misuse) are beyond our control, we make no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein AND disclaims all liability for reliance thereon. Users should satisfy them that they have all data relevant to their particular use.

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