

Kraftkolour

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MATERIAL SAFETY DATA SHEET

SHIMMER PAINT: Various Colours

1.0 IDENTIFICATION

Product Name: SHIMMER PAINTS
Recommended Use: Craft Paint

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CONSTITUTION: Pigmented (coloured) acrylic emulsion.

INGREDIENTS:	PROPORTIONS	CAS number
Acrylic Polymer/Resin Binder	30-45%	Not Hazard
Residual Acrylate Monomers	<1%	Not Required
Thickener	<7%	Not Hazard
Ammonia	<1%	7664-41-7
Fungicide	<0.5%	N/A
Mica Pigment (Pearlised Colour)	5-12%	Not Hazard
Pigment Colour	3-8%	Not Hazard
Whitening and Fillers	<5%	Not Hazard
Water	to make up to 100%	7732-18-5

3.0 HAZARDS IDENTIFICATION

Hazard Classification: *Non hazardous according to the criteria of NOHSC (Worksafe Australia).*

4.0 FIRST AID MEASURES

Health Effects of Chronic Overexposure: No evidence of harmful effects from information available.

First Aid

SWALLOWED - Rinse mouth with water. Give plenty of water or milk. Do NOT induce vomiting. Seek medical advice.

EYES - Irrigate with copious amounts of water for at least 15 minutes. Seek medical advice.

SKIN - Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use. If irritation occurs seek medical advice.

INHALED - Remove victim from exposure – avoid becoming a casualty. Seek medical advice if effects persist.

ADVICE TO DOCTOR - Treat symptomatically. Toxicology studies have shown this or similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

5.0 FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide or dry chemical powder, alcohol type foams.

Special Fire Fighting Procedures: Firefighters should wear self contained breathing apparatus in pressure demand (MSHA/NIOSH approved or equivalent) and full protective gear in any chemical fire.

Fire/Explosion/Decomposition Hazards: No known hazards when handled as recommended. Dry solids can burn to emit oxides of carbon. Hazardous polymerisation will not occur.

Hazchem Code: N/A

Flammability: Non flammable aqueous emulsion. After water evaporates the residue will burn.

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6.0 ACCIDENTAL RELEASE MEASURES

Spillage or Leak Procedures: Follow the advice under "Personal Protection". In case of spillage prevent the material from entering drains or water courses. Remove with liquid binding material (eg. sand, soil or diatomaceous earth). Wash the residue and small amounts from the contaminated area with water.

7.0 HANDLING AND STORAGE

Advice on Safe Handling: Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Follow advice under "Personal Protection".

Advice on Storage: Store in a cool sheltered place and out of direct sunlight at temperatures between 5 and 35°C. Protect from frost. Keep containers tightly closed at all times as the binder tends to form a skin when exposed to air. Check regularly for leaks. Store in clearly labelled containers.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards: No value assigned for this specific material by Worksafe Australia.

Engineering Controls: General mechanical ventilation is considered satisfactory, ensuring exposure standards are met. Use local exhaust if needed to control mist and vapour. Keep containers closed when not in use.

Personal Protection: Use with good industrial hygiene and adequate ventilation. Respiratory protection is not considered necessary, however OSHA/NIOSH approved respirator should be used in poorly ventilated areas. Avoid skin contact and eye contact by wearing rubber/PVC gloves, goggles and overalls. Always wash hands after use. Do not eat, smoke or drink when handling chemicals

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pigmented viscous liquid
Odour:	Slight ammonia odour
Boiling Point (°C):	100
Specific Gravity at 20°C (H ₂ O=1):	Approx 1.0g/cm ³
Flammability Limits:	Not applicable (aqueous system)
Solubility in Water (g/l) at 20°C:	Miscible in all proportions
pH (concentrate):	9 – 9.5
Flash Point:	None
Solubility:	Soluble in water

10.0 STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of use.

Conditions to Avoid: None known.

Incompatible Materials: None.

Hazardous Decomposition Products: Products of combustion may carbon dioxide, carbon monoxide.

Hazardous Reactions: None known.

11.0 TOXICOLOGICAL INFORMATION

Acute Oral LD50: No information available. Similar products suggest >2000mg/kg.

Health Effects of Acute Overexposure: No evidence of harmful effects from information available.

If swallowed : No evidence of harmful effects from information available. Large amounts may cause nausea & vomiting.

If in eyes : Direct contact may cause eye irritation. Repeated and prolonged exposure may cause permanent eye damage.

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If on skin : Contact with skin may result in irritation. Product will have a degreasing effect on skin. Although there is no evidence of harmful effects through skin absorption from information available, skin contact may cause transient reddening of the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

If inhaled : Where this material is used in poorly ventilated area and at elevated temperatures trace component and residual monomer vapour may cause irritation to mucous membranes and respiratory tract and/or cause nausea and headaches.

12.0 ECOLOGICAL INFORMATION

Environmental/Ecological Effects: Take all necessary precautions to prevent from entering sewers and waterways.

Persistence, Degradability and Mobility: The Polymer component of this product is not biodegradable. Does not inhibit bacteria in waste treatment facilities.

Aquatic, Air or Soil Environmental Hazards: Not known
From similar products we assume Fish Toxicity LC50 to be >80 mg/lit

13.0 DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of in accordance with local, state and federal regulations. Normally suitable for disposal at an approved land waste facility.

14.0 TRANSPORT INFORMATION

Not defined as a dangerous good by the Australian Code for Transport of Dangerous Goods by road or rail. Not classified by IMDG.

UN Number: None Allocated. **DG Class:** None Allocated. **Packing Group:** N/A

15.0 REGULATORY INFORMATION

Regulatory Information: All components are listed on the AICS (Australian Inventory of Chemical Substances).

Additional Information: NA

Special Precautions/Comments: Refer "Personal Protection" above.

Data Sources/References:

Supplier – Material Safety Data Sheet.

Abbreviations: (N/A, NOT APPL. = Not Applicable)

16.0 OTHER INFORMATION

All information contained in this Data Sheet is as accurate and up-to-date as possible. Kraftkolour P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kraftkolour P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.

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