

1. IDENTIFICATION

Product Name: Resin Pigment Paste
Other names: Colour Paste/Colour Tinter/Colour Concentrate
Uses: Resin base colour for through colouring
Chemical Family: No data available
Chemical Formula: Unspecified
Product Description: Colouring agent for colouring resin mixtures

Contact Information:

Organisation	Location	Telephone	Ask For
Adelaide Moulding and Candle Supplies	7 Woodlands Terrace Edwardstown South Australia 5039	08 8294 0451	SDS Officer
Poisons Information Centre (24 hours)		13 11 26	

2. HAZARD IDENTIFICATION

Label Elements: No Labels.
 NOT Dangerous Goods according to the Model WHS Regulations and ADG Codes.

Signal word: NONE. Not hazardous.

Dangerous Goods Classification: NOT Dangerous Goods according to the Model WHS Regulations and ADG Codes.
 No regulations for transport.

Hazard Statements:
 H315 – Skin sensitisation.
 H317 – May cause an allergic skin reaction.
 H319 – Eye irritation.

Precautionary Statements:
 P202 – Read information sheet before use.
 P261 – Avoid breath dust (cured sanding).
 P270 – Do not eat or drink when using.
 P273 – Avoid release into environment.
 P280 – Wear protective gloves and eye protection.
 P281 – Use personal protective equipment.
 P305 – Eye contact: Rinse eyes carefully for 5 minutes.
 P501 – Dispose of contents at authorised landfill.

For Storage and Disposal: Keep in original containers and store between 0°C to 50°C.
 Keep container tightly closed. Keep out of reach of children and pets.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition of Product: Composition or mixture(s) of the compound(s) in the table below.

COMPOSITION	CHEMICAL FORMULA	%	COMPOSITION	CHEMICAL FORMULA	%
Synthesized Particles	Varies per colour	25-50	(ESOP) Soyabean paste	Varies per colour	10-30
Precipitates (Organic)	Varies per colour	25-50	Control Stabilizers	Varies per colour	<2%
'Trade secret' (additive)	Varies per colour	<1.0%	'Trade secret' (additive)	Varies per colour	1-2%

Other Notes: Colours may have traces (less than 0.2%) of metals, acids, peroxides, solvents, or water. Exact formula and concentration of composition has been withheld as a trade secret. This does not affect the critical or relevant information needed for product safety or product usage safety or product storage and transportation.

4. FIRST AID MEASURES

Swallowed: Do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being

sleepy or with reduced awareness; (i.e. becoming unconscious). If possible, give water to rinse out mouth. Phone 13 11 26 (Australia only)

Eyes:	Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain(s) persist seek medical advice. Removal of contact lenses during an eye injury should only be undertaken by medical specialists.
Skin:	If skin contact occurs: Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water and soap if available. Seek medical attention in the event of irritation.
Most important symptoms and affects, both acute and delayed:	None know.
Indication of any immediate medical attention and special treatment needed:	None.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. If fire is not contained call local / state fire department or call emergency directly on 000 (Australia only) No hazardous combustion products are known at this time.

6. ACCIDENTAL RELEASE MEASURES

Environmental Hazard: Wear advised Personal Protective Equipment then contain spillage. Clear area of personnel. Alert safety officer and tell them location and nature of hazard. Prevent by any means available, spillage from entering drains or watercourses. Consider increasing ventilation. Collect recoverable product into labelled containers for recycling. Absorb remaining product(s) with sand, earth, or vermiculite. Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. If contamination of drains or waterways occurs, advise emergency services.

7. HANDLING AND STORAGE

Precautions for safe handling: Store in original containers. Do not remove labels. Keep in a dry safe place. Keep out of reach of children and pets.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Australia Exposure Standards: Avoid all personal contact, including inhalation. Use good occupational work practice(s). Currently there is no "Exposure Standard" (ES), for this product. We recommend that respiratory protection is used. The degree of protection varies with both face-piece and Class of filter; the nature of protection varies with the type of filter. This products particle size may be under 1um (1 micron) when in powder form, so a 0.5um micron filter or smaller is recommended.

Personal Protection Label Elements (GHS):



Eye Protection: Safety glasses with side shields or Chemical goggles must be worn. As a precaution have an eyewash unit within arms reach when using this product.

*** In the event of contact exposure, begin eye irrigation immediately (remove glasses or goggles as soon as practical)***

A written policy document, describing the wearing of contact lenses and restrictions on use should be created for each workplace or task. First-aid personnel should be trained in the removal of contact lenses and suitable equipment should be readily available.

Respiratory Protection: Type Dust Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent) Type A-P Filter when mixing (Dry or Powder Colour) this product with solvents or chemicals.

Hand & Skin Protection: Wear chemical protective gloves. Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include: Frequency and duration of contact, chemical resistance of glove material, glove thickness, etc.

Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739, AS/NZS 2161.1 or national equivalent).

When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (AS/NZS 2161.10.1 or national equivalent) is recommended. Contaminated gloves should be replaced.

When only brief contact is expected, a glove with a protection class of 3 or higher (AS/NZS 2161.10.1 or national equivalent) is recommended. Contaminated gloves should be replaced.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Coloured paste ('similar to smooth peanut paste')

Properties:

Physical State	Paste / gel
Odour	No Odour
Ph Value	6.1 to 8.1
Melting Point	Greater than 600°C
Boiling Point	N/A
Flash Point (°C)	Greater than 220°C
Evaporation Rate	NIL
Flammability	Greater than 220°C
Upper Explosive Limit (%)	NIL
Lower Explosive Limit (%)	NIL
Vapour Pressure (kPa)	N/A
Solubility in water (g/L)	Varies per colour

Relative Density	0.95g to 4.01g/ml ³
Partition Coefficient	N/A
Auto-ignition Temp (°C)	Greater than 300°C
Decomposition Temp	Unknown
Viscosity (cSt)	Varies per colour
Molecular Weight (g/mol)	Varies per colour
Explosive Properties	N/A
Oxidising Properties	N/A
Surface Tension (dyn/cm mN/m)	N/A
Volatile Component (%vol)	Less than 0.2%
VOC g/L	Unknown
Gas Group	N/A

10. STABILITY AND REACTIVITY

Reactivity No
Chemical stability Yes
Possibility of hazardous reactions Mixing with strong acids or strong oxidizers
Incompatible materials Strong Acids, Strong Oxidizing agents
Hazardous decomposition N/A
Other Information Only for use in thermoset resins

11. TOXICOLOGICAL INFORMATION

Values are unknown at this time.

12. ECOLOGICAL INFORMATION

Toxicity: Values are unknown at this time.
Persistence/Degradability: Values are unknown at this time.
Mobility in soil: Values are unknown at this time.
Results PBT an vPvB Assessment: Values are unknown at this time.
Other adverse effects: Values are unknown at this time.
Additional information: Values are unknown at this time.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Method: Return to Manufacturer or Supplier for recycling if possible. Otherwise, where possible retain label warnings and SDS and observe all notices pertaining to the product. Legislation addressing waste disposal requirements may differ by country, state and/or territory. Each user must refer to laws operating in their area. The user should investigate: Reduction Reuse Recycling Disposal (if all else fails)

14. TRANSPORT INFORMATION

Hazard Rating and Labels (ADG): Not Dangerous Goods (According to the Model WHS Regulations and the ADG Codes)
No regulations for transport.

Land Transport (ADG)

UN Proper Shipping Name: Colourant Paste
Class: The product does not constitute a hazardous substance
Subsidiary Risk(s): The product does not constitute a hazardous substance
UN Number: The product does not constitute a hazardous substance
Hazchem: The product does not constitute a hazardous substance
Pack Group: The product does not constitute a hazardous substance
Special Provision: The product does not constitute a hazardous substance
Transport Hazardous Label(s): NIL

Sea Transport (IMDG-Code/GGVSee)

UN Proper Shipping Name: Colourant Paste
Class: The product does not constitute a hazardous substance
Subsidiary Risk(s): The product does not constitute a hazardous substance
UN Number: The product does not constitute a hazardous substance
Hazchem: The product does not constitute a hazardous substance

Pack Group: The product does not constitute a hazardous substance
Special Provision: The product does not constitute a hazardous substance

Transport Hazardous Label(s): NIL

Air Transport (Australia/ICAO-IATA/DGR)

Not Dangerous Goods (According to the Model WHS Regulations and the IATA & DGR Codes)

Proper Shipping Name: Colourant Paste
Class: The product does not constitute a hazardous substance
Subsidiary Risk(s): The product does not constitute a hazardous substance
UN Number: The product does not constitute a hazardous substance
Hazchem: The product does not constitute a hazardous substance
Pack Group: The product does not constitute a hazardous substance
Special Provision: The product does not constitute a hazardous substance

15. REGULATORY INFORMATION

Safety, health, and environmental regulations/legislation specific for the substance or mixture.

Australia Exposure Standards under Workplace Health & Safety.
Australia Hazardous Substances Information System - Consolidated Lists.
Australia Inventory of Chemical Substances (AICIS).

16. OTHER INFORMATION

The details in this safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions, however the product may not be used for any purpose other than that specified in chapter 1. The MSDS / SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

The information in this safety data sheet is based on our present knowledge and is intended to provide information for a health and safety assessment of the material. However, all data, instructions, recommendations and/or suggestions are made without guarantee. This document is not intended for quality assurance purposes and It shall not constitute a guarantee for any specific product features.