1. IDENTIFICATION

Product Name: Opaque Resin Pigment
Other names: Colour Paste/Colour Tint/Pigment Paste/Pigment 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: This product is classified as hazardous under Australian GHS criteria.

Signal word: WARNING

Dangerous Goods Classification: 9

Hazard Categories:
Acute Toxicity – Inhalation: 2
Serious Corrosion/Irritation: 2A
Skin Corrosion/Irritation: 3
Acute Aquatic Toxicant: 2
Aquatic Toxicant

Hazard Pictogram(s):

Hazard Statements:
AUH066: Repeated exposure may cause skin dryness or cracking.
H315: Cause skin irritation.
H317: May cause an allergic skin reaction.
H320: Causes eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H370: Causes damage to organs.
H411: Toxic to aquatic life with long lasting effects.

Precautionary Statements:
P102: Keep out of reach of children.
P260: Do not breathe dust, fumes, gases, mists, vapours, or sprays.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing, eye protection and face protection.
P303/353/361: IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water/shower.
P305/338/351: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do and continue rinsing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

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

SUBSTANCE NAMES	CAS NUMBER	PROPORTION (%v/v)
Bisphenol A Epoxy Resin	25068-38-6	75-85%
Bisphenol F Epoxy Resin	28064-14-4	5-10%

C12-C14 Alkylglycidylether	68609-97-2	10-15%
Other ingredients (non-hazardous)	Not known	To 100%

4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting if consumed. Keep at rest and seek medical attention immediately.

Eye contact: Flush eyes with large amounts of water until irritation subsides. Seek medical attention immediately

Skin contact: Flush area with large amounts of water and wash area with soap. Remove contaminated clothing, and launder before use. If skin irritations persist, seek medical attention immediately.

Inhalation: Using proper respiratory protection, immediately remove affected persons from exposure. Administer artificial respiration if breathing is stopped. Keep at rest and seek medical attention immediately.

First aid facilities: Provide eye baths and safety showers.

Medical attention: Treat according to symptoms. Avoid gastric lavage: risk of aspiration of product to the lungs with the potential to cause chemical pneumonitis.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water fog or fine spray mist (large fires); alcohol stable foam; carbon dioxide.

Combustion products: Carbon dioxide and carbon monoxide, and other organic compounds as solids, liquids, or gases.

Precautions for firefighting: Full protective clothing and self-contained breathing apparatus.

Hazchem code: 2X

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures: Prevent fluids escaping into drains and waterways. Contain leaking packages in a containment drum. Prevent vapours from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

Methods and materials for containment

Major land spill
Eliminate sources of ignition.
Warn occupants of downwind areas of possible fire and explosion hazard.
Prevent liquid from entering sewers, watercourses, or low-lying areas.
Keep the public away from the area.
Shut off the source of the spill if possible and safe to do so.
Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
Take measures to minimise the effect on the ground water.
Contain the spilled liquid with sand or earth.
Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Major water spill
Eliminate any sources of ignition.
Warn occupants and shipping in downwind areas of possible fire and explosion hazard.
Notify the port or relevant authority and keep the public away from the area.
Shut off the source of the spill if possible and safe to do so.
Confine the spill if possible.
Remove the product from the surface by skimming or with suitable absorbent material.
Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: This product is combustible; do not open near an open flame, or sources of heat or ignition. Container should be kept closed and should be opened slowly to control possible pressure release. Material will accumulate static charge, so grounding leads should be used to avoid discharge.

Conditions for safe storage: Store in a cool, dry place away from direct sunlight. Do not pressurize, cut, heat, or weld the container, as residual vapours are combustible. This product will fuel a fire in progress.

Incompatible materials: Natural rubber, Butyl rubber, EPDM, Polystyrene.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: The time weighted average concentration (TWA) for this product is: None specified: consider 5mg/m3 (oil mist), which is 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 5mg/m3 (oil mist), which is the maximum allowable exposure concentration at any time.

Biological limit values: Not available

Engineering controls
Ventilation: It is recommended to control process emissions near its source by using local exhaust ventilation. Laboratory samples should be handled in a fume hood. Mechanical ventilation should be provided in confined spaces. Ventilation equipment should be explosion-proof.

Personal Protection Label Elements (GHS):

Respiratory: Half-face filter masks, fitted with a type "A" filter, should be used in areas where concentrations exceed the limits described in the National Exposure Standards.

Eye Protection: Safety glasses or face shield must always be used when handling the product.

Skin/Body: Long sleeves and trousers, or coveralls, and enclosed footwear/safety boots should be worn when handling the product. It is recommended to use chemical resistant gloves if handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Properties:

Property	Typical Value
Appearance	Various coloured pastes
Boiling/Melting Point	No data available
Vapour Pressure	No data available
Density	1.00 – 2.00 kPa
Flash Point	155 °C
Solubility with Water	Negligible

10. STABILITY AND REACTIVITY

Chemical stability: Stable at room temperature and pressure.
Conditions to avoid: Sources of heat, ignition, and open flames.
Hazardous decomposition products: Carbon dioxide, carbon monoxide, and other organic complexes on incomplete oxidation.
Hazardous reactions: Oxidising agents, strong alkalis, strong acids, and amines.
Hazardous polymerisation: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute effects

Ingestion: Will cause mild discomfort upon swallowing, and likely gastric disturbances.

Eye Contact: Will be irritating to the eyes, resulting in swelling, redness, tearing and prolonged discomfort.

Skin Contact: Will adhere to the skin and defat the skin. Avoid contact with skin.

Inhalation: Vapours are irritating to the respiratory tract. Although unlikely, mists of this product may result in lung damage in large quantities.

Chronic Effects Prolonged or repeated contact will cause defatting, resulting in dryness and cracking and irritant contact dermatitis.

Other Health Effects Information: Persons with pre-existing skin or respiratory conditions will be sensitive to this product. Long term, repeated exposure may affect the central nervous system.

Toxicological Information: Oral LD50: Rat: > 30,000mg/kg
Dermal TCLo: Rat: > 1200mg/kg; Rabbit: > 20mL/kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: Fish Toxicity (rainbow trout, goldfish, bluegill): LC50(96hr): Rainbow Trout: 1.5 to 7.7mg/L

Persistence/Degradability
5 biodegraded (after 28 days): This product is not expected to meet biodegradability criteria.

Mobility: This product is not expected to be mobile.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Empty packaging should be taken for recycling, recovery, or disposal through a suitable qualified or licenced contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

Special Precautions for Landfill or Incineration: This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams, or rivers. This product must be disposed as chemical waste in accordance with the local authority.

14. TRANSPORT INFORMATION

Road and Rail Transport

UN Number:	3082
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S.
DG Class:	9
Sub. Risk:	NONE
Pack Group:	III
Hazchem:	2X

Marine Transport

UN Number:	3082
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S.
DG Class:	9
Sub. Risk:	NONE
Pack Group:	III
Hazchem:	2X

Air Transport

UN Number:	3082
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S.
DG Class:	9
Sub. Risk:	NONE
Pack Group:	III
Hazchem:	2X

15. REGULATORY INFORMATION

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

Country/Region:	Australia
Inventory:	Not available
Status:	Not available
Poison Schedule:	%

16. OTHER INFORMATION

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.