



Safety Data Sheet prepared to UN GHS

1. Identification of the Substance/Mixture and the Company/Undertaking

1.1	Product Identifier: Product Name:	DINP Pigment DINP Pigment	Revision Date: Supercede Date:	05.11.2019 New SDS
1.2	Relevant identified uses of the substance or mixture and uses advised against	No Information		
1.3	Details of the supplier of the safety data sheet Importer:	Flowcrete Australia Pty Ltd Unit 2, 41 Deakin Street Brendale Queensland 4500 Australia Phone: +61 7 3205 7115 Fax: +61 7 3205 3116 australia@flowcrete.com www.flowcreteaustralia.com.au		
1.4	Emergency telephone number:	CHEMTREC 1-800-424-9300 (Inside US) CHEMTREC +1 703 5273887 (Outside US)		

2. Hazard Identification

Health Hazard Classification	This product is classified as not hazardous under Australian GHS criteria.
Hazard Categories	Not hazardous.
Hazardous Statement	Not hazardous.
GHS Pictograms	Not hazardous.
Hazard Statements	Not hazardous.
Precautionary Statements	Not hazardous.
Dangerous Goods	Classification None
Poisons Schedule	None
Signal Word	None

3. Composition/Information On Ingredients

3.2 Mixtures

Substance Names	CAS Number	Proportion (%v/v)
Di-isononyl phthalate	68515-48-0	45-55%
Additives	Not known	< 2%
Organic/Inorganic pigments (non-hazardous)	Not known	45-55%
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:	Dry chemical or foam
Combustion products:	Carbon dioxide and carbon monoxide
Precautions for firefighting:	Full protective clothing and self-contained breathing apparatus
Hazchem code:	Not applicable

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 and Vinyls

8. Exposure Controls/Personal Protection

National Exposure Standards

The time weighted average concentration (TWA) for this product is 5mg/m³, 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 10mg/m³, 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 Protective Equipment

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:	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

Property	Typical Value	Unit of Measurement
Appearance	Coloured Liquid	-
Boiling/Melting Point	270-280	°C
Vapour Pressure	Negligible	kPa
Density	1.10-2.00	Kg/L
Flash Point	199	°C
Solubility with Water	0.1	g/L

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, mineral acids, halogenated organic compounds.
Hazardous polymerisation	Will not occur.

11. Toxicological Information**Acute Effects**

Ingestion	Large amounts will result in headache, nausea, dizziness and discomfort.
Eye Contact	Will irritate the eye, but will not cause permanent tissue damage.
Skin Contact	Will irritate the skin with prolonged exposure. It may result in dryness and cracking.
Inhalation	Inhalation of mild quantities will yield mild discomfort. Overexposure will be evident through dizziness, nausea, headache, and other central nervous system effects.

Chronic Effects

No chronic health data is available for this product.

Other Health Effects Information

None

Toxicological Information

Oral LD50: Rat: > 5000mg/kg

Dermal TClO: Rabbit: > 3160mg/kg

12. Ecological Information

Aquatic Toxicity

Fish Toxicity (rainbow trout, goldfish, bluegill):	LC50(96hr): Oncorhynchus mykiss: 0.16mg/L
Daphnia Magna EC50(24hr):	0.06mg/L
Blue-green algae (Toxicity threshold 7-8 days):	Data not available
Green algae (Toxicity threshold 7-8 days):	Data not available

Persistence/Degradability

% biodegraded (after 28 days):	70.5
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Mobility

This product is highly volatile and will rapidly evaporate to the air if released into water.

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:	N/R
Proper Shipping Name:	Dialkyl phthalates (C9 - C10)
DG Class:	N/R Sub.
Risk:	None
Pack Group:	N/R
Hazchem:	N/R

Marine Transport

UN Number:	N/R
Proper Shipping Name:	Dialkyl phthalates (C9 - C10)
DG Class:	N/R Sub.
Risk:	None
Pack Group:	N/R
Hazchem:	N/R

Air Transport

UN Number:	N/R
Proper Shipping Name:	Dialkyl phthalates (C9 - C10)
DG Class:	N/R Sub.
Risk:	None
Pack Group:	N/R
Hazchem:	N/R

15. Regulatory Information

Country/Region:	Australia
Inventory:	Not available
Status:	Not available
Poisons Schedule:	Not available

16. Other Information

AICS:	Australian Inventory of Chemical Substances
CAS Number:	Chemical Abstracts Number
IARC:	International Agency for Research on Cancer
NOHSC:	National Occupational Health and Safety Council
GHS:	Global Harmonised System

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.