

Safety Data Sheet



NON-Hazardous, NON-Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **Flowfast DINP Pigment**

Synonyms

Dialkyl phthalates (C9 – C10)

Product Code

Recommended use:

Supplier: Tremco CPG Australia Pty Ltd

ABN: 25 000 024 064

Street Address: 12/4 Southridge Street
Eastern Creek NSW 2766

Telephone: 02 9638 2755

Facsimile: 02 9638 2955

Emergency Telephone number: 02 9037 2994

2. HAZARDS IDENTIFICATION

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia GHS 7.

Poison Schedule:

DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9 rich Additives	68515-48-0	45-55 % (v/v) <2 % (v/v)
Organic/Inorganic pigments (non-hazardous)		45-55 % (v/v)
Ingredients determined to be Non-Hazardous		Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

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.

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.

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

Safety Data Sheet



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

PPE for First Aiders: Wear safety shoes, overalls, gloves, safety glasses, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Notes to physician: Treat symptomatically. 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

Hazchem Code: Not applicable.

Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

Specific hazards: Combustible material.

Fire fighting further advice: On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

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.

LARGE SPILLS

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.

Dangerous Goods - Initial Emergency Response Guide No: Not applicable

7. HANDLING AND STORAGE

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.

Safety Data Sheet



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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.

Biological Limit Values: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering Measures: Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment: SAFETY SHOES, OVERALLS, GLOVES, SAFETY GLASSES, RESPIRATOR.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear safety shoes, overalls, gloves, safety glasses, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

RECOMMENDATIONS FOR CONSUMER USE:

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.

Hygiene measures: Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Colour: Coloured liquid

Solubility in water: 0.1 g/L
Density: 1.10-2.00kg/L
Vapour Pressure (20 °C): Negligible kPa
Flash Point (°C): 199
Boiling Point/Range (°C): 270-280

(Typical values only - consult specification sheet)
N Av = Not available, N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability: Stable at room temperature and pressure.

Conditions to avoid: Sources of heat, ignition, and open flames.

Safety Data Sheet



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

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

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: Inhalation of mild quantities will yield mild discomfort. Overexposure will be evident through dizziness, nausea, headache, and other central nervous system effects.

Skin contact: Will irritate the skin with prolonged exposure. It may result in dryness and cracking.

Ingestion: Large amounts will result in headache, nausea, dizziness and discomfort.

Eye contact: Will irritate the eye, but will not cause permanent tissue damage.

Acute toxicity

Inhalation: This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients): $LC_{50} > 20.0$ mg/L for vapours or $LC_{50} > 5.0$ mg/L for dust and mist.

Skin contact: This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients): $LD_{50} > 2,000$ mg/Kg bw

Ingestion: This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients): $LD_{50} > 2,000$ mg/Kg bw

Flowfast DINP Pigment LD_{50} (Rat): > 5000 mg/kg (Method: Oral)

Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Flowfast DINP Pigment Skin irritant (Rabbit): Dermal TCl₀: Rabbit: > 3160 mg/kg

Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

Aspiration hazard: This material has been classified as not an aspiration hazard.

Specific target organ toxicity (single exposure): This material has been classified as not a specific hazard to target organs by a single exposure.

Chronic Toxicity

Mutagenicity: This material has been classified as not a mutagen.

Carcinogenicity: This material has been classified as not a carcinogen.

Reproductive toxicity (including via lactation): This material has been classified as not a reproductive toxicant.

Specific target organ toxicity (repeat exposure): This material has been classified as not a specific hazard to

Safety Data Sheet



target organs by repeat exposure.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard: This material has been classified as not hazardous for acute aquatic exposure. Acute toxicity estimate (based on ingredients): > 100 mg/L

Flowfast DINP Pigment 24hr EC50 (Daphnia magna): 0.06mg/L

Flowfast DINP Pigment 96hr LC50 (rainbow trout): 0.16mg/L

Long-term aquatic hazard: This material has been classified as not hazardous for chronic aquatic exposure. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log K_{ow} < 4.

Ecotoxicity: No information available.

Persistence and degradability: % biodegraded (after 28 days):70.5

Bioaccumulative potential: No information available.

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

13. DISPOSAL CONSIDERATIONS

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. 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

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

Safety Data Sheet



This material/constituent(s) is covered by the following requirements:

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): .

16. OTHER INFORMATION

Reason for issue: First Issue

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.