



# Material Safety Data Sheet

Infosafe No. LPT5Z Issue Date : November 2004 ISSUED by PARCHEMC

Product Name : **DURAFLOOR COLOUR PACK**

Classified as hazardous according to criteria of NOHSC

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

**Product Name** DURAFLOOR COLOUR PACK  
**Product Use** Pigmented paste in various colours used with epoxy flooring systems.  
**Company Name** Parchem Construction Products Pty Ltd (ABN 80 069 961 968)  
**Address** 7 Lucca Road Wyong  
NSW 2259 Australia  
**Emergency Tel.** 1800 638 556  
**Telephone Number/Fax** Tel: 02 4350 5000 Fax: 02 4351 2024  
**Other Information** This MSDS summaries at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Parchem Construction Products Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard term and conditions, a copy of which is sent to our customers and is also available upon request.

[www.parchem.com.au](http://www.parchem.com.au)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Bisphenol-A epoxy resin	25068-38-6	10-50 %
	C12-C14 Glycidyl ether	68609-97-2	5-20 %
	Bisphenol F epoxy resin	9003-36-5	5-20 %
	Other ingredients determined not to be hazardous	Not required	Balance

## 3. HAZARDS IDENTIFICATION

Classified as a Hazardous Substance according to the criteria of NOHSC.  
Classified as dangerous goods according to the ADG Code.

### RISK PHRASES:

Irritating to eyes and skin  
May cause sensitisation by skin contact.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### SAFETY PHRASES:

Do not breathe gas/fumes/vapour/spray  
Avoid contact with skin and eyes.  
Wear suitable gloves and eye/face protection.  
If swallowed, seek medical advice immediately and show this container or label.  
Avoid release to the environment.

## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Apply artificial respiration if not breathing. Seek medical attention.

**Ingestion** Do NOT induce vomiting. Wash out mouth with water. Seek medical attention.



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<b>Skin</b>	Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. If symptoms develop seek medical attention.
<b>Eye</b>	If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice.
<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.
<b>Advice to Doctor</b>	Treat symptomatically.
<b>Other Information</b>	For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

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## 5. FIRE FIGHTING MEASURES

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<b>Extinguishing Media</b>	Use dry chemical powder, carbon dioxide or foam. Do NOT use water jets. Cool fire exposed containers with water spray.
<b>Specific Hazards</b>	Combustible substance. This product will burn if exposed to fire.
<b>Hazardous Combustion Products</b>	Combustion products include oxides of carbon.
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

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## 6. ACCIDENTAL RELEASE MEASURES

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Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Do not dilute material but contain. Place inert, non-combustible absorbent material onto the spillage. Collect the material using clean non-sparking tools and place into a suitable labelled container for subsequent disposal. If large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

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## 7. HANDLING AND STORAGE

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<b>Handling</b>	Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet.
<b>Storage</b>	Store in a cool, dry, well ventilated area, away from sources of ignition, oxidising agents and out of direct sunlight. Keep containers closed when not in use. Store in suitable, labelled containers.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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<b>Exposure Limits</b>	No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC).
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependent upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.



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<b>Eye Protection</b>	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.
<b>Eng. Controls</b>	Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Pigmented paste in various colours(base white).
<b>Odour</b>	Epoxy resin.
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>200°C (resin)
<b>Solubility in Water</b>	Insoluble
<b>Specific Gravity (H2O=1)</b>	Approx 1.4
<b>pH Value</b>	Not available
<b>Vapour Pressure</b>	0.01 Pascals
<b>Vapour Density (Air=1)</b>	Not available
<b>Flash Point</b>	> 155°C (resin)
<b>Flammability</b>	Combustible substance. This product will burn if exposed to fire.
<b>Flammable Limits LEL</b>	Not available
<b>Flammable Limits UEL</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Materials to Avoid</b>	Incompatible with oxidising substances, strong acids, strong bases and amines.
<b>Hazardous Decomposition Products</b>	Combustion products include oxides of carbon.
<b>Conditions to Avoid</b>	Heat, flames and other ignition sources.

## 11. TOXICOLOGICAL INFORMATION

<b>Toxicology Information</b>	No LD50 available for the product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.



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**Skin** Irritating on skin contact. May cause redness, itching and irritation. This product may cause sensitisation in some individuals.  
**Eye** Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.  
**Chronic Effects** Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals.

## 12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Environ. Protection** Prevent this material entering waterways, drains and sewers.  
**Mobility** No data is available for this material.  
**Persistence / Degradability** No data is available for this material.  
**Ecotoxicity** No data is available for this material.

## 13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA and state regulations.

## 14. TRANSPORT INFORMATION

This material is classified as a Class 9 (Miscellaneous Dangerous Goods) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 9 (Miscellaneous Dangerous Goods) are incompatible in a placard load with any of the following:  
- Class 1, Explosive  
- Class 5.1, if the Class 9 substance is a fire risk substance  
- Class 5.2, if the Class 9 substance is a fire risk substance  
**ADG U.N. Number** 3082  
**ADG Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.\* - (BISPHENOL A EPOXY RESIN)  
**ADG DG Class** 9  
**ADG Hazchem Code** 2X  
**ADG Packaging Method** 5.9.9  
**ADG Packing Group** III  
**ADG EPG Number** 9C1  
**ADG IERG Number** 47

## 15. REGULATORY INFORMATION

**Risk Phrase** R36/38 Irritating to eyes and skin.  
R43 May cause sensitization by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Safety Phrase** S23 Do not breathe gas/fumes/vapour/spray.  
S24/25 Avoid contact with skin and eyes.  
S37/39 Wear suitable gloves and eye/face protection.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.  
**Poisons Schedule** S5  
**Hazard Category** Irritant, Dangerous for the environment



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## 16. OTHER INFORMATION

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**Contact Person/Point** Technical Support: 1800 812 864

**SDS History** MSDS Creation: August 2004.

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