



# Material Safety Data Sheet

Infosafe No. LPT72 Issue Date : November 2004 ISSUED by PARCHEMC

Product Name : **DURAFLOOR N(NOVOLAC) BASE**

Classified as hazardous according to criteria of NOHSC

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

**Product Name** DURAFLOOR N(NOVOLAC) BASE  
**Product Use** Base component of a general purpose binder for use in environments where high chemical resistance is required.  
**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
	Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9003-36-5	60-90 %
	Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	10-30 %
	Ingredients determined not to be hazardous	Not required	Balance

## 3. HAZARDS IDENTIFICATION

Classified as Hazardous according to the criteria of NOHSC.  
Classified as Dangerous Goods according to the ADG Code.

**RISK PHRASES:**

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 PHRASES:**

S16 Keep away from sources of ignition - No smoking.  
S23 Do not breathe gas/fumes/vapour/spray  
S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.

**Medical Conditions Generally Aggravated by Exposure** Those previously sensitised to bisphenol resins should take particular care when working with this product.



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## 4. FIRST AID MEASURES

**Inhalation** Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If irritation develops, seek medical attention.

**Ingestion** DO NOT induce vomiting. Immediately wash mouth out with water. If irritation develops, seek medical attention.

**Skin** Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.

**Eye** If contact with the eyes occurs, wash with copious amounts holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. Seek medical attention.

**First Aid Facilities** Eye wash and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

**Other Information** For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media** Use dry chemical powder, carbon dioxide or foam. Do NOT use water jets. Cool fire exposed containers with water spray.

**Specific Hazards** Combustible liquid. This product will burn if exposed to fire.

**Hazardous Combustion Products** May produce phenolic compounds, carbon oxides and if heated above 1600°C, it will release sulphur oxides.

**Precautions in connection with Fire** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

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.

## 7. HANDLING AND STORAGE

**Handling** 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. Build-up of mists in the working atmosphere must be prevented. Misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurise or expose to open flame or heat. Keep container closed and bung in place.

**Storage** Store in a cool, dry, well-ventilated area away from sources of ignition. This product should be stored away from foodstuffs and strong oxidising agents. For information on the design of the storeroom reference should be made to Australian Standard AS1940, The storage and handling of flammable and combustible liquids. Reference should also be made to any relevant Commonwealth, State or Territory regulations.

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION



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<b>Exposure Limits</b>	No exposure standards have been established for this material by the National Occupational Health And 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.
<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>	Light yellow liquid.
<b>Odour</b>	Epoxy/Amine.
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Solubility in Water</b>	Negligible
<b>Specific Gravity (H2O=1)</b>	1.3
<b>pH Value</b>	Not applicable
<b>Vapour Pressure</b>	Not available
<b>Vapour Density (Air=1)</b>	Not available
<b>Flash Point</b>	> 150°C
<b>Flammability</b>	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition.
<b>Flammable Limits LEL</b>	Not available
<b>Flammable Limits UEL</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Materials to Avoid</b>	Strong oxidising agents.



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**Hazardous Decomposition Products** May produce phenolic compounds, carbon oxides and if heated above 1600°C, it will release sulphur oxides.

**Hazardous Reaction** A slight exothermic reaction may be noted during curing.

**Conditions to Avoid** Heat, flames and other ignition sources.

## 11. TOXICOLOGICAL INFORMATION

**Toxicology Information** No data available for the product.

**Inhalation** Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

**Ingestion** Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Skin** Will cause redness, itching and irritation. This product may cause sensitisation in some individuals.

**Eye** Will cause irritation in contact with eyes, resulting in inflammation, stinging and blurred vision.

**Chronic Effects** Repeated or prolonged contact will result in skin irritation and possible dermatitis and sensitisation.

## 12. ECOLOGICAL INFORMATION

**Environ. Protection** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Prevent this material entering waterways, drains and sewers.

**Mobility** Not available

**Persistence / Degradability** Not available

**Ecotoxicity** Not available

## 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.\*

**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



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<b>Risk Phrase</b>	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.
<b>Safety Phrase</b>	S16 Keep away from sources of ignition - No smoking. S23 Do not breathe gas/fumes/vapour/spray. S24/25 Avoid contact with skin and eyes. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
<b>Poisons Schedule</b>	S5
<b>Hazard Category</b>	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  
...End Of MSDS...