

Infosafe No™ LPT70	Issue Date : September 2012	ISSUED by PARCHEMC
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Product Name : **DURAFLOOR M BASE**

Classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	DURAFLOOR M BASE
<b>Company Name</b>	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
<b>Address</b>	7 Lucca Road Wyong NSW 2259 Australia
<b>Telephone/Fax Number</b>	Tel: 02 4350 5000 Fax: 02 4351 2024
<b>Emergency phone number</b>	1800 638 556 (available 24/7)
<b>Recommended use of the chemical and restrictions on use</b>	Part of three component epoxy resin floor coating system.
<b>Other Information</b>	<p>This MSDS summarises 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 Supplies 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.</p> <p>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 terms and conditions, a copy of which is sent to our customers and is also available upon request.</p> <p><a href="http://www.parchem.com.au">www.parchem.com.au</a></p>

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	<p>Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.</p> <p>Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)</p> <p>Acute Toxicity - Oral: Category 4          Skin Corrosion/irritation, Category 2          Serious Eye Damage/irritation, Category 2          Skin sensitiser, Category 1          Carcinogenicity: Category 2          Toxic to Reproduction: Category 1          Hazardous to the Aquatic Environment - Long-Term Hazard, Category 2</p>
<b>Signal Word (s)</b>	Danger
<b>Hazard Statement (s)</b>	<p>H302 Harmful if swallowed.          H315 Causes skin irritation.          H317 May cause an allergic skin reaction.          H319 Causes serious eye irritation.          H351 Suspected of causing cancer.          H361 Suspected of damaging fertility or the unborn child.          H411 Toxic to aquatic life with long lasting effects.</p>
<b>Pictogram (s)</b>	Exclamation mark, Environment, Health hazard



<b>Precautionary statement – Prevention</b>	<p>P103 Read label before use.          P201 Obtain special instructions before use.          P202 Do not handle until all safety precautions have been read and understood.          P261 Avoid breathing dust/fume/gas/mist/vapours/spray.</p>
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**Precautionary statement – Response**

P264 Wash skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 GENERAL  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P391 Collect spillage.  
 EYES:  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.  
 SKIN:  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention  
 P362 Take off contaminated clothing and wash before re-use.  
 INGESTION:  
 P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
 P330 Rinse mouth.  
 P405 Store locked up.

**Precautionary statement – Storage**

**Precautionary statement – Disposal**

P501 Dispose of contents/container to an approved waste disposal plant.

**3. Composition/information on ingredients**

Ingredients	Name	CAS	Proportion
	Bisphenol A epoxy resin	25068-38-6	30-60 %
	Tris(2-chloroethyl)phosphate	115-96-8	30-60 %
	C12-C14 Glycidyl ether	68609-97-2	<10 %
	Ingredients determined not to be hazardous.		Balance

**4. First-aid measures**

<b>Inhalation</b>	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
<b>Ingestion</b>	Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.
<b>Eye contact</b>	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.
<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).

**5. Fire-fighting measures**

<b>Suitable extinguishing media</b>	Use carbon dioxide, dry chemical, foam or water fog.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Specific hazards arising from the chemical</b>	Combustible liquid. This product will burn under fire conditions.

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<b>Hazchem Code</b>	•3Z
<b>Decomposition Temp.</b>	Not available
<b>Precautions in connection with Fire</b>	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers. Fight fire from safe location. This product should be prevented from entering drains and watercourses.

## 6. Accidental release measures

<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
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## 7. Handling and storage

<b>Precautions for Safe Handling</b>	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. 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 all applicable local and national regulations.

## 8. Exposure controls/personal protection

<b>Occupational exposure limit values</b>	No exposure standards have been established for this material by Safe Work, Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.
<b>Biological Limit Values</b>	No biological limit allocated.
<b>Appropriate engineering controls</b>	Natural ventilation should be sufficient, however where vapours or mists are generated, particularly in enclosed areas, and/or natural ventilation is inadequate, a local exhaust ventilation system is recommended.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
<b>Eye Protection</b>	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices 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>	Suitable protective workwear should be worn when working with this material, e.g. cotton overalls buttoned at neck and wrist.

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## 9. Physical and chemical properties

<b>Appearance</b>	Light yellow liquid
<b>Odour</b>	Faint epoxy-like odour
<b>Decomposition Temperature</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	>200°C (Bisphenol)
<b>Solubility in Water</b>	<0.1g (20°C)
<b>Specific Gravity</b>	1.16 (23°C)
<b>pH</b>	Not available
<b>Vapour Pressure</b>	0.06 mmHg
<b>Vapour Density (Air=1)</b>	Not available
<b>Odour Threshold</b>	Not available
<b>Viscosity</b>	Not available
<b>Partition Coefficient: n-octanol/water</b>	Not available
<b>Flash Point</b>	177°C (approximate)
<b>Flammability</b>	Combustible
<b>Auto-Ignition Temperature</b>	Not available
<b>Flammable Limits - Lower</b>	Not available
<b>Flammable Limits - Upper</b>	Not available

## 10. Stability and reactivity

<b>Reactivity</b>	Reacts with incompatibles.
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, flames and other ignition sources.
<b>Incompatible Materials</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	No toxicity data is available for this product.
<b>Ingestion</b>	Harmful if swallowed. Ingestion of this product may cause irritation to the mouth, throat, oesophagus and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhoea.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Skin</b>	Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
<b>Eye</b>	Causes serious eye irritation. On eye contact this product will cause tearing, stinging, blurred vision, and redness.
<b>Respiratory sensitisation</b>	Not expected to be a respiratory sensitiser.

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<b>Skin Sensitisation</b>	May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Not considered to be a mutagenic hazard.
<b>Carcinogenicity</b>	Suspected of causing cancer. Classified as a suspected human carcinogen.
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child. Classified as a Known or presumed human reproductive or developmental toxicant.
<b>STOT-single exposure</b>	Not expected to cause damage to organs.
<b>STOT-repeated exposure</b>	Not expected to causes damage to organs through prolonged or repeated exposure.
<b>Aspiration Hazard</b>	Not expected to be an aspiration hazard.

## 12. Ecological information

<b>Ecotoxicity</b>	Toxic to aquatic life with long lasting effects.
<b>Persistence and degradability</b>	Not available
<b>Mobility</b>	Not available
<b>Bioaccumulative Potential</b>	Not available
<b>Environmental Protection</b>	No ecological data are available for this material.

## 13. Disposal considerations

<b>Disposal Considerations</b>	Dispose of waste according to applicable local and national regulations.
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## 14. Transport information

<b>Transport Information</b>	<p>Road and Rail Transport: This material is classified as a Class 9 (Miscellaneous Dangerous Goods) dangerous Goods according to The Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition). Class 9 Dangerous Goods are incompatible in a placard load with any of the following: - Class 1, Explosives (when the class 9 substance is a fire risk substance), - Division 5.1, Oxidizing agents (when the class 9 substance is a fire risk substance), and - Division 5.2, Organic peroxides (when the class 9 substance is a fire risk substance). Note: Special Provision AU01 Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in: a) packagings; b) IBCs; or c) any other receptacle not exceeding 500 Kg(L).</p> <p>Marine Transport (IMO/IMDG): Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. UN No.: 3082 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Bisphenol A Epoxy Resin) DG Class: 9 Packaging Group: III EMS No.: F-A, S-F Special provisions: 274, 335</p> <p>Air Transport (ICAO/IATA): Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air. UN No: 3082</p>
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U.N. Number	Proper Shipping Name: : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Bisphenol A Epoxy Resin) Class: 9 Packing Group: III Label: Miscellaneous Packing Instruction: 964 (For passenger and cargo aircraft) Packing Instruction: 964 (For cargo aircraft only) 3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (Contains Bisphenol A epoxy resin)
Transport hazard class(es)	9
Hazchem Code	•3Z
Packing Group	III
EPG Number	9C1
IERG Number	47
IMDG Marine pollutant	Yes

## 15. Regulatory information

Regulatory Information	Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
Poisons Schedule	S5
AICS (Australia)	All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or exempted.

## 16. Other Information

Date of preparation or last revision of SDS	SDS Reviewed: September 2012 Supersedes: September 2007
Contact Person/Point	Technical Support: 1800 812 864 ...End Of MSDS...

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