

Infosafe No™ LPV27 Issue Date : March 2014 ISSUED by PARCHEMC

Product Name : DURAFLOOR HD-S

1. Identification

GHS Product Identifier	DURAFLOOR HD-S
Company Name	Parchem Construction Supplies Pty Ltd (ABN 80 069 961 968)
Address	7 Lucca Road Wyong NSW 2259 Australia
Telephone/Fax Number	Tel: 02 4350 5000 Fax: 02 4351 2024
Emergency phone number	1800 638 556 (available 24/7)
Recommended use of the chemical and restrictions on use	Concrete sealer.
Other Information	<p>This SDS 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>www.parchem.com.au</p>

2. Hazard Identification

Classification of the substance or mixture	Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia. Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
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3. Composition/information on ingredients

Information on Composition	Clear, colloidal silica formulation.									
Ingredients	<table><thead><tr><th><u>Name</u></th><th><u>CAS</u></th><th><u>Proportion</u></th></tr></thead><tbody><tr><td>2-Butoxyethanol</td><td>111-76-2</td><td><5 %</td></tr><tr><td>Ingredients determined not to be hazardous</td><td></td><td>Balance</td></tr></tbody></table>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	2-Butoxyethanol	111-76-2	<5 %	Ingredients determined not to be hazardous		Balance
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2-Butoxyethanol	111-76-2	<5 %								
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4. First-aid measures

Inhalation	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention.
Ingestion	Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.
Skin	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and/or persist seek medical attention.
First Aid Facilities	Eye wash station and normal washroom facilities.
Advice to Doctor	Treat symptomatically.
Other Information	For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 11 26) or a doctor at once.

5. Fire-fighting measures

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Suitable extinguishing media	Use dry chemical, foam, carbon dioxide, water spray or water fog.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including styrene/acrylic monomers, carbon monoxide and carbon dioxide.
Specific hazards arising from the chemical	Following evaporation of aqueous component under fire conditions, the non-aqueous component can decompose and/or burn.
Decomposition Temp.	Not available
Precautions in connection with Fire	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. 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

Precautions for Safe Handling	Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use only in well ventilated areas. Avoid breathing vapour or spray mist. Keep containers closed when not in use. Do not empty into drains. Maintain a high level of personal hygiene when using the product, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well ventilated area away from oxidising agents, acids and bases. Protect from freezing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. Exposure controls/personal protection

Occupational exposure limit values	No exposure value assigned for this material by Safe Work, Australia. However, the available exposure limits for ingredients are listed below:
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Safe Work, Australia Exposure Standards:

Substance	TWA		STEL		NOTICES
	ppm	mg/m ³	ppm	mg/m ³	
2-Butoxyethanol	25	121	-	-	Sk

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

'Sk' Notice: Absorption through the skin may be a significant source of exposure. The exposure standard is invalidated if such contact should occur.

Biological Limit Values	Name: 2-butoxyethanol Determinant: Butoxyacetic acid (BAA) in urine* Value: 200mg/g creatinine Sampling time: end of shift. *with hydrolysis
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Appropriate engineering controls	Source: American Conference of Industrial Hygienists (ACGIH) Provide sufficient ventilation to keep airborne levels as low as possible. Where natural ventilation is inadequate, and vapours or mists are generated, a local exhaust ventilation system, drawing vapours/mists away from workers'
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Respiratory Protection	breathing zone, is required. If engineering controls are not effective in controlling airborne exposure then an approved respirator with a particulate/mist filter should be used. 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, in order to make any necessary changes for individual circumstances.
Eye Protection	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.
Hand Protection	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.
Body Protection	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist.

9. Physical and chemical properties

Appearance	Low viscosity liquid.
Colour	Milky white
Odour	Minimal odour
Decomposition Temperature	Not available
Melting Point	Not available
Freezing Point	0°C
Boiling Point	100°C
Solubility in Water	Miscible
Specific Gravity	1.09 (23°C)
pH	Not available
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Evaporation Rate	Not available
Odour Threshold	Not available
Viscosity	Low viscosity
Partition Coefficient: n-octanol/water	Not available
Flash Point	Not applicable
Flammability	Non flammable
Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not applicable
Flammable Limits - Upper	Not applicable

10. Stability and reactivity

Reactivity	Reacts with incompatible materials.
Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Extremes of temperature and direct sunlight. Keep from freezing.
Incompatible Materials	Strong oxidisers and strong acids.

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Hazardous Decomposition Products	Thermal decomposition may result in the release of toxic and/or irritating fumes and gases including styrene/acrylic monomers, carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur.

11. Toxicological Information

Toxicology Information	No toxicity data available for this material.
Ingestion	Ingestion of this product may irritate the gastric tract, causing nausea and vomiting. Ingestion of large quantities may depress the central nervous system.
Inhalation	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
Skin	May be irritating to skin. The symptoms may include redness and itching. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
Eye	May be irritating to eyes. May cause stinging, redness and tearing of the eyes.
Respiratory sensitisation	Not expected to be a respiratory sensitiser.
Skin Sensitisation	Not expected to be a skin sensitiser.
Germ cell mutagenicity	Not considered to be a mutagenic hazard.
Carcinogenicity	Not considered to be a carcinogenic hazard.
Reproductive Toxicity	Not considered to be toxic to reproduction.
STOT-single exposure	Not expected to cause toxicity to a specific target organ.
STOT-repeated exposure	Not expected to cause toxicity to a specific target organ.
Aspiration Hazard	Not expected to be an aspiration hazard.

12. Ecological information

Ecotoxicity	No ecological data available for this material.
Persistence and degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environmental Protection	Do not discharge the product into drains, waterways or sewers.

13. Disposal considerations

Disposal Considerations	The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations.
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14. Transport information

Transport Information	<p>Road and Rail Transport (ADG Code): Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).</p> <p>Marine Transport (IMO/IMDG): Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.</p> <p>Air Transport (ICAO/IATA): Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.</p>
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IMDG Marine pollutant No

15. Regulatory information

Regulatory Information Not classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule Not Scheduled

AICS (Australia) All components of this product are listed on the Australian Inventory of Chemical Substances (AICS) or otherwise are in compliance with NICNAS requirements.

16. Other Information

Date of preparation or last revision of SDS SDS Reviewed: March 2014
Supersedes: September 2008, April 2010

Literature References Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice. Standard for the Uniform Scheduling of Medicines and Poisons.
Australian Code for the Transport of Dangerous Goods by Road & Rail.
Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
Workplace exposure standards for airborne contaminants, Safe work Australia.
American Conference of Industrial Hygienists (ACGIH).
Globally Harmonised System of classification and labelling of chemicals.

Contact Person/Point Technical Support: 1800 812 864
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