

# Material Safety Data Sheet

Product Name: **DeepSeal Waterproofing Heavy Duty**

Issue Date: February 2003

Not Classified as Hazardous according to criteria of NOHSC

## COMPANY DETAILS

Company Name: **Know-How Waterproofing Pty Ltd (ABN 14 101 886 051)**

Address **P.O Box 3049 Sunnybank QLD 4109**

Tel/Fax **07 – 32741000 / 07 - 32741006**

## IDENTIFICATION

<b>Product Name</b>	<b>DeepSeal Waterproofing HD</b>
<b>Shipping name</b>	None allocated
<b>UN Number</b>	None allocated
<b>Dangerous goods</b>	None allocated
<b>Packing group</b>	None allocated
<b>Haz-chem Code</b>	None allocated
<b>Poisons Schedule</b>	Not Scheduled
<b>Product Use</b>	Admixture to concrete

## PHYSICAL DATA

<b>Appearance</b>	Chocolate Brown liquid with an ammonia odour
<b>Melting Point</b>	Not available
<b>Boiling point</b>	Approx. 100 C (water)
<b>Vapour Pressure</b>	Not available
<b>Specific Gravity</b>	1.2
<b>Flash Point</b>	Not applicable
<b>Flamm. Limit LEL</b>	Not applicable
<b>Solubility in Water</b>	Dispersible

## OTHER PROPERTIES

<b>PH Value</b>	8
<b>Solubility in Organic Solvents</b>	Dispersible

## INGREDIENTS

<b>Ingredients</b>	<b>Name</b>	<b>CAS</b>	<b>Proportion</b>
	Ammonia Stearate	1002-89-7	10 – 30%
	Non hazardous components		1 – 10%
	Ammonia	7664-41-7	0 – 1%
	Formaldehyde	50-00-0	0 – 0.1%

## HEALTH HAZARD INFORMATION

### Heath Effects

<b>Acute - Swallowed</b>	Ingestion of this product may irritate the gastric tract, causing nausea and vomiting.
<b>Acute - Eye</b>	May cause eye irritation.
<b>Acute - Skin</b>	May cause skin irritation.
<b>Acute - Inhaled</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Chronic</b>	Prolonged or repeated skin contact may cause irritation and eventually dermatitis.

## First Aid

<b>Swallowed</b>	Do not induce vomiting. Wash out mouth with water. Do not give anything by mouth to an unconscious person. Seek medical attention.
<b>Eye</b>	If contact with eye(s) occurs, wash with running water holding eyelids 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>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice.
<b>Inhaled</b>	Remove victim from exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discoloration of the skin (which suggests a lack of oxygen in the blood – cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a faced mask. Apply artificial respiration if patient is not breathing. In event of cardiac arrest, apply external cardiac massage. Seek immediate medical attention.
<b>First Aid Facilities</b>	Eye wash and normal washroom facilities.
<b>Other Information</b>	For advice, contact a Poisons Information Centre. Phone 131 126 or a doctor.

## ADVICE TO DOCTOR

**Advice to Doctor**            Treat symptomatically.

## OTHER HEALTH HAZARD INFORMATION

### Precautions for Use

Exposure Limits	Name	STEL		TWA		Footnote
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	
	Ammonia	24	35	17	25	
	Formaldehyde	2.5	2	1.2	1	

**Other Exposure Info.**    No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC). However, exposure standards for ingredients are stated above.

TWA – the Time-Weighted Average airborne concentration over an eight hour working day, for a five day working week over an entire working life. e.g. as above, the TWA for ammonia is 25ppm and for Formaldehyde is 1ppm.

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. e.g. as above, the STEL for ammonia is 35ppm and for formaldehyde is 2ppm.

According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

**Eng. Controls**            Use only in a well ventilated area. Local exhaust ventilation will be required in confined areas or where natural ventilation is not sufficient to maintain concentrations below exposure limits.

## Personal Protection

<b>Respirator Type</b>	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable ammonia vapour 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; 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 goggles should be worn as described in Australian Standard AS/ANZ 1337 – Eye Protectors for Industrial Applications.
<b>Glove Type</b>	Where skin contact is likely to be prolonged or repeated impervious PVC or nitrile rubber gloves are recommended.
<b>Clothing</b>	Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended.
<b>Protective Equip. Work/Hygienic Practices</b>	Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

## Flammability

**Fire Hazards** Non-flammable. Residue after evaporation is combustible.

## SAFETY HANDLERLING INFORMATION

### Storage and Transport

<b>Storage Precautions</b>	Keep containers closed at all times. Use good occupational work practices. Do not store near acids or oxidising substances.
<b>Transport</b>	Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
<b>Proper shipping Name</b>	None Allocated

### Spills and Disposal

<b>Spills &amp; Leaks</b>	Slippery when spilt – avoid accidents. Increase ventilation. Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain large spills, absorb with inert absorbent such as vermiculite, sand or dirt and place in suitably labelled steel container. Mop up material and place in to the same container. Hose down residues or minor spills with excess water.
<b>Disposal</b>	Dispose should be in accordance with the relevant local, state and federal government regulations. The recommended method of disposal is controlled incineration by approved agent.

### Fire Explosions Hazard

<b>Fire/Explos. Hazard</b>	This product is non-flammable. However, following evaporation of aqueous component, residue may burn if involved in a fire.
<b>Hazardous Combustion Byproducts</b>	Fumes, smoke, ammonia and oxides of carbon (carbon monoxide and carbon dioxide).
<b>Fire Fighting Procedures</b>	Fire fighters to wear Self Contained Breathing Apparatus (SCBA) and full protective clothing if risk of exposure to vapour or products of combustion to minimise skin exposure. Water spray may be used to cool down heat exposed containers.
<b>Extinguishing Media</b>	Use appropriate fire extinguisher for surrounding environment.
<b>Hazchem Code</b>	None allocated.

## **OTHER INFORMATION**

**Toxicology** No toxicity data available for this product.

**Environment Protection** Avoid contaminating waterways.

## **CONTACT POINT**

### **Contact**

For further information ask for:

**Know How Agencies P/L**

**1/32 Success Street Acacia Ridge QLD 4110**

**Ph 07 – 32741000 / Fax 07-32741006**

For specialist advice in emergencies: 1800 033 111

Know How Agencies make no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Know How Agencies shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations or information contained herein, from abnormal use of the material, or from any hazards inherent in the nature of the material.

**End of MSDS**