

MATERIAL SAFETY DATA SHEET

Issue Date February 2008

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name DURO SEEL

Use Concrete Sealer

Supplier: Ability Building Chemicals Company
ABN: 94 007 247 289
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2. HAZARDS IDENTIFICATION

Hazardous Substance according to criteria of NOHSC

Dangerous Goods according to criteria of the ADG code

Risk Phrases

R10 Flammable
R20/21 Harmful by inhalation and in contact with skin
R38 Irritating to skin
R65 Harmful: May cause lung damage if swallowed.

Safety Phrases

S2 Keep out of reach of children
S23 Do not breathe the vapour
S24/25 Avoid contact with skin and eyes.
S61 If swallowed, do not induce vomiting. Seek medical advise.

Poisons Schedule

S6 poison

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	Proportion	CAS Number
Styrene Acrylic Polymer	10 – 30%	68240-06-2
Mineral Turpentine	30 – 60%	64742-82-1
Xylene	5 – 15%	1330-20-7
Other ingredients not classified as hazardous	1 – 5%	

4. FIRST AID MEASURES

Ingestion

If swallowed **DO NOT** induce vomiting. Seek immediate medical attention.

Eye contact

Flush eyes with large amounts of water until irritation subsides. Hold eye lids apart. Seek medical attention if irritation persists.

Skin contact.

Remove contaminated clothing and flush skin and hair with large amounts of water and wash area with soap.clothing. Seek medical attention for skin irritations. Launder clothing before reuse.

Inhalation

Move the affected person from the exposure into fresh air. Administer artificial respiration if breathing has stopped. Keep at rest. Seek immediate medical attention.

First Aid Facilities

Provide eye baths and safety showers.

Advice to Doctor

Treat according to symptoms. Causes central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Avoid gastric lavage- risk of aspiration of product into the lungs with the potential to cause chemical pneumonitis.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam and water spray. **DO NOT USE WATER IN JET**
Do not discharge extinguishing waters into aquatic environment.

Hazards from Combustion Products

Under fire conditions, toxic fumes are emitted – carbon dioxides and carbon monoxides.

Precautions for fire fighters and special protective equipment

Full protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Wear appropriate protective clothes and equipment for the situation. Isolate area and stop entry to unprotected personnel. Ventilate closed spaces before entering.. Shut of any ignition sources. Contain the spill to avoid environment contamination.

Methods and materials for containment

Contain the spill using absorbent or inert material such as sand or earth. Clean up the spill area using non-sparking tools and containerise the contaminated material for disposal. Do not flush to drains or waterways.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin, eyes and clothing. Avoid inhalation of vapour. Use in a well ventilated area.

This product is flammable. Remove all ignition sources. No smoking. Electrostatic discharge may cause fire ensure all equipment is earthed.

Conditions for Safe Storage

Store in a cool dry area and out of direct sunlight. Keep container closed when not using product. Store away from sources of heat, sparks and sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards

There is no exposure standard available for this product but the following exposure standard for Xylene is appropriate

TWA is 350 mg/cubic metre (80 ppm) This is the highest allowable exposure concentration in an eight hour day for a five day working week.

STEL is 543mg/cubic metre. (125 ppm) This is the maximum allowable exposure concentration at any time.

Engineering Controls

Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition.

Personal Protection Equipment

Eye Use safety glasses with side shields, goggles or full face shield.

Skin/Body Wear appropriate long sleeves, trousers and enclosed footwear. Wear chemical resistant gloves.

Respiratory Protection Avoid breathing of vapours. Select and use respirators in accordance with AS 1715. When gases exceed the exposure standards then the use of a half-space respirator with organic vapour cartridge is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, viscous liquid
Boiling Point/Range	148 - 200°C
Specific Gravity	0.86
Flash Point	31°C
Flammability Limits	Not available
Solubility in water	Immiscible
Percent Volatiles	75%

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal storage and handling conditions

Hazardous Decomposition Products

Under fire conditions, toxic fumes are emitted. Releases oxides of carbon and other organic compounds.

Hazardous reactions

Will not occur

Incompatible Materials

Strong oxidizing agents

Conditions to avoid

Heat, flames and ignition sources

11. TOXICOLOGICAL INFORMATION

Acute Health Effects

Ingested

Harmful. May cause lung damage on vomiting. If material enters lungs, signs and symptoms may include coughing, choking and difficulty breathing. May cause irritation to mouth, throat and stomach.

Eye

May cause irritation to the eyes including a burning sensation, redness, swelling and blurred vision.

Skin

May cause irritation to the skin including a burning sensation, redness and swelling and possible blistering.

Inhaled

May cause irritation to the respiratory system including a burning sensation to the nose and throat. May cause dizziness and drowsiness.

Chronic

Possibility of organ or organ system damage from prolonged exposure. Signs and symptoms may include headache, nausea and lack of coordination.
No toxicological information is available for this product

12. ECOLOGICAL INFORMATION

No environmental impact information is available for this product.
Avoid contaminating waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of material through a licensed waste contractor. Advise of flammable nature.
Discharging waste into drains, sewers and rivers is forbidden.

14. TRANSPORT INFORMATION

Road and Rail

UN Number: 1263
Proper Shipping Name: Paint
Dangerous Goods Class: 3
Packaging Group: III
Hazchem Code 3(Y)

For marine transport it is undetermined if it is a marine pollutant

15. REGULATORY INFORMATION

This material is hazardous according to criteria of NOHSC
The constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS)
Poisons Schedule Australia

16. OTHER INFORMATION

This Material Safety Data sheet has been constructed using the National Code of Practice for the Preparation of Material Safety Data Sheets, 2nd Edition (NOHSC:2011(2003)) with cross references to regulatory legislation and the use of supplier material safety data sheets.

The information herein is, to the best of our knowledge, correct and complete. It is meant to describe safety requirements of our products and should not be construed as guaranteeing specific properties. No warranty express or implied is made as to its accuracy, reliability or completeness.

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