

HAZARDOUS SUBSTANCE, DANGEROUS GOODS

1. IDENTIFICATION

Product Name DURO SEEL

Use A clearcoat to seal concrete.

Manufacturer Ability Building Colours ABN 94 007 247 289
133-135 Northern Rd,
West Heidelberg, Victoria 3081.
Ph +61 3 9457 6488

2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of Safe Work Australia.



Signal Word

Warning

Hazard Classifications

Flammable Liquids – Category 3
Acute Toxicity – Dermal – Category 4
Acute Toxicity – Inhalation – Category 4
Skin Corrosion/Irritation – Category 2

Hazard Statements

H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H3332 Harmful if inhaled
H336 May cause drowsiness or dizziness.

Prevention Precautionary Statements

P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P211 Do not spray on an open flame or other ignition sources.
P251 Pressurized container. Do not pierce or burn.
P241 Use explosion-proof electrical, ventilating, lighting and all other equipment
P260 Do not breathe gas, mist, vapours or spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective clothing, gloves, eye protection

Response Precautionary Statements

P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
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 advise.
P331	Do NOT induce vomiting.

Storage Precautionary Statements

P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Disposal Precautionary Statement

P501	Dispose of contents/container in accordance with local, regional, national and international regulations.
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Poison Schedule S6**DANGEROUS GOOD CLASSIFICATION**

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail

Class 3

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Entity	CAS NO	PROPORTION
White Spirits	8052-41-3	10 -30%
Mineral Turpentine	64742-82-1	10 – 30%
Xylene	1330-20-7	10 – 30%
Ingredients determined to be non hazardous		Balance

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131126)

Inhalation

Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist

Eye contact

If in eyes, hold eyelids apart and rinse the eyes continuously with running water. Remove contact lenses if present and easy to do. Continue rinsing for several minutes until all contaminants are washed out completely. If eye irritation persists seek medical advice or attention.

Skin contact.

For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble). If skin irritation occurs seek medical advice or attention.

Ingestion

If swallowed rinse mouth. Do NOT induce vomiting. Seek medical advice.

Inhalation

Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Advise to First Aiders

Be aware of the material(s) involved, and wear protective equipment if there is a risk of inhalation or skin and eye contamination.

Advice to Doctor

Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Hazchem Code 3Y

Suitable extinguishing Media

Alcohol resistant foam is the preferred fire-fighting medium. If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).

Specific Hazards

Flammable liquid. May form flammable vapour mixtures with air. Flameproof equipment necessary in area where this product is being used. Nearby equipment must be earthed. Electrical requirements for work area should be assessed according to AS3000. Vapour may travel a considerable distance to source of ignition and flash back. Avoid all ignition sources. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc.) must be eliminated both in and near the work area. Do NOT smoke.

Fire fighting further advice

If safe to do so, remove containers from path of fire. Keep containers cool with water spray. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES**Small Spills**

Wear protective equipment to prevent skin and eye contamination. Wipe up with absorbent rags or paper towels. Allow absorbent to dry before disposing with normal household garbage.

Large Spills

Shut off all possible sources of ignition. Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark free shovel. Collect and seal in

properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods Initial Response Guide No: 14

7. HANDLING AND STORAGE

Safe Handling

Avoid skin and eye contact to prevent contamination.

Safe Storage

Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Check regularly for leaks.

This material is described as a Dangerous Good Class 3 Flammable Liquid as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards

There is no exposure standard available for this product however for

Chemical Entity	TWA		STEL		Carcinogen Category
	Ppm	mg/m ³	ppm	mg/m ³	
Mineral turpentine	-	480	-	-	-
White Spirits	-	790	-	-	-
Xylene	80	350	150	150	

As published by Work Safe Australia

TWA – The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

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

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. These 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.

If directions for use are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture

Engineering Controls

Ensure ventilation is adequate and that air concentrations are controlled below quoted Workplace Exposure Standards. Keep containers closed when not in use..

Biological Limit Values

No biological limit allocated

Personal Protection Equipment

Overalls, Safety Shoes, Safety Glasses, Gloves

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment

Hygiene Measures

Always wash hands before eating, drinking, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Solubility	Insoluble in water
Specific Gravity	0.90
Relative Vapour Density(air=1)	>1
Vapour Pressure (20°C)	Not Available
Flash Point (°C)	>23
Flammability Limits(%)	Not Available
Autoignition temperature	Not Available
Melting Point/Range(°C)	Not Available
Boiling Point range(°C)	140 to 200
Ph	Not applicable
Viscosity	>21 mm ² /sec

10. STABILITY AND REACTIVITY

Reactivity	No reactivity hazards are known for this material
Chemical Stability	Stable under normal storage and handling conditions
Hazardous Reaction	No known reactions
Conditions to avoid	Elevated temperatures and sources of ignition
Incompatible Materials	Oxidising Agents

Hazardous Decomposition Products Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if handled according to this SDS. Symptoms that may arise if mishandled are

Ingestion

May cause nausea and vomiting.

Eye Contact

May cause irritation to the eyes.

Skin Contact

May cause irritation to the skin.

Inhalation

May cause irritation to mucous membranes and respiratory tract, dizziness, headache and nausea.

Acute Toxicity / Chronic Toxicity

No information available

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways, drains or sewers.

Acute aquatic hazard	No information available
Long term aquatic hazard	No information available
Ecotoxicity	No information available
Persistence and degradability	No information available
Mobility	No information available

13. DISPOSAL CONSIDERATIONS

If possible recycle material and container otherwise dispose in accordance with local, national and international regulations

14. TRANSPORT INFORMATION**ROAD AND RAIL TRANSPORT**

Classified as **Dangerous Goods** by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

UN No:	1263
Dangerous Goods Class:	3
Packing Group:	III
Hazchem Code:	3Y

Proper Shipping Name: PAINT

Segregation Dangerous Goods: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1), organic peroxides (Class 5.2), toxic substances (Class 6.1), infectious substances (Class 6.2) or radioactive substances (Class 7). Exemptions may apply.

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No:	1263
Dangerous Goods Class:	3
Packing Group:	III

Proper Shipping Name: PAINT

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No:	1263
Dangerous Goods Class:	3
Packing Group:	III
Proper Shipping Name:	PAINT

15. REGULATORY INFORMATION

This material is hazardous according to the criteria of Safe Work Australia.

This material is dangerous according to criteria of the Australasian Code for the transport of dangerous Goods by Road and Rail.

16. OTHER INFORMATION

This Safety Data sheet has been constructed using the Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals from Safe Work Australia February 2016, with cross references to regulatory legislation and the use of supplier 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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