


DESIGNER



CONCRETE COATINGS

MATERIAL SAFETY DATA SHEET (MSDS) Designer Concrete Stains

THIS PRODUCT CLASSIFIED AS CORROSIVE ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION

Other Names:	Not applicable
Manufacturer's Product Code:	None allocated

UN Number:	1760
Dangerous goods class:	8 Corrosive
Hazchem Code:	2x
Poisons Schedule Number:	S6
Subsidiary risk:	None allocated

Use:	Acid based colouring system for hardened concrete surfaces.
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Physical Description/Properties

Appearance:	Liquid form available in various colours.
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Other Properties

Not explosive. Slight odour. Corrosive. Avoid inhalation. Avoid skin and eye contact. Dangerous if swallowed.

HAZARD INFORMATION

Fire

May burn but will not ignite readily.
Heat produces toxic and corrosive vapours.
Heat may cause violent rupture of containers.

Health

May be harmful or fatal if swallowed, inhaled or absorbed through the skin.
Burns or irritates eyes, skin and respiratory tract.
Effects may be delayed.

Other

May ignite combustible materials.
May react with water to produce toxic or flammable gases.
Fumes may form an explosive mixture with air.

EMERGENCY PROCEDURE

FOR ALL EMERGENCIES

Shut off engine and electrical equipment and leave off. No smoking or naked lights within 50 metres. Move people from immediate area; keep upwind. Initial evacuation distance of 100 meters in all directions recommended. Stop leak if safe to do so. Send messenger to notify fire brigade and police. Advise location, material, quantity, UN Number and emergency contact. Indicate condition of vehicle and damage or injuries observed. Warn other traffic.

TANKER/VEHICLE ACCIDENT

Carry out action under FOR ALL EMERGENCIES.
Check for spills or leaks.
DO NOT move vehicle if movement may or will cause or increase spillage.

SPILLS OR LEAKS

Carry out action under FOR ALL EMERGENCIES.
Avoid breathing dust or vapours and contact with skin and eyes.
Wear self-contained breathing apparatus and full protective clothing.
Stop leak if safe to do so.
For large spills or tank rupture – evacuate persons to 200 metres in all directions.
Stop spilled material from spreading or entering drains – bank with sand or earth.
Disperse vapour with water-spray if available.
Absorb small spills (liquid) with dry sand or other non-combustible material.
Seek proper and safe disposal advice from EPA or local council.
Dilute residue by flushing with water – avoid discharge to drainage points.

FIRE

Carry out action under FOR ALL EMERGENCIES.
Wear self-contained breathing apparatus and full protective clothing.
For minor fire use extinguisher provided (trained personnel).
For HAZCHEM 4 use dry chemical
For HAZCHEM 3 use foam or dry chemical
For HAZCHEM 2 use water spray or fog
For HAZCHEM 1 use water jets
Use water delivered as a fine spray to cool adjacent area.
Contain discharge to drainage points by banking with sand or earth.
Where possible and safe to do so remove 'cool' containers from path of fire.
Do not approach hot or fire-damaged containers. Cool unruptured containers with water.

FIRST AID TREATMENT

Inhaled

Remove to fresh air, lay down, rest. If not breathing, apply resuscitation. Keep patient warm.
Transport to hospital or doctor.

Eyes

Immediately hold eyes open and wash continuously with water for at least 15 minutes.
Transport to hospital or doctor.

Skin

Quickly, but gently, wipe material off skin.
Immediately remove all contaminated clothing, including footwear.
Wash affected areas thoroughly with water and soap for at least 15 minutes.
Transport to hospital or doctor.

Swallowed

Do not induce vomiting. Rinse out mouth with plenty of water and, if conscious, induce copious drinking of water and milk. Immediately transport to hospital or doctor.

Burns

Immerse affected area in cold water for 10-15 minutes. Bandage lightly with sterile dressing. Treat for shock if required. Transport to hospital or doctor.

Advice to doctor/First Aid Facilities

Treat symptomatically, Eye wash station. Fresh, clean water readily accessible at all times.

PERSONAL PROTECTION**Skin**

Wear loose comfortable protective clothing and acid impervious boots. Apply barrier creams to hands. Wear acid resistant gloves (AS 2161). Wash thoroughly after handling. Wash clothes regularly and keep separate from other clothes.

Eyes

Safety spectacles with side shields or safety goggles

Respiratory

Use only respirators which bear the Australian Standards mark for chemicals application. Fit and wear correctly. Note that persons with facial hair will have difficulty in obtaining a satisfactory face seal. For alternatives, see AS/NZS 1715: Selection and Use of Respiratory Protective Devices.

Flammability

Not flammable. May support combustion of other materials.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Storage Temperature: Room temperature. Avoid exposure to direct sunlight.
Packaging Group: 111
UN Number: 1760
EPG Number: 8A1
Storage Advice: Keep dry at all times. Store opened containers safely: Keep out of reach of children. Transported as corrosive goods. Display appropriate worksafe signage.

Transportation is by rail, road or ship in plastic corrosive resistant drum. Keep dry in weatherproof vehicles and storage sheds.

EMERGENCY CONTACTS

AUSTRALIAN POISONS INFORMATION CENTRE (24 HOUR SERVICE)	13 11 26
POLICE, FIRE BRIGADE OR AMBULANCE	000
NEW ZEALAND POISONS INFORMATION CENTRE (24 HOUR SERVICE)	0800 764 766
NZ EMERGENCY SERVICES	111