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# MATERIAL SAFETY DATA SHEET

This material is hazardous according to the criteria of HSNO.  
Classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

## 1. Identification of the substance/preparation and of the company

**Product Name:** Concrete Stain  
**Recommended Use:** Concrete Stain

**Emergency Telephone:** 13-11-26

## 2. Composition/information on ingredients

**Product Description:** Concrete Stain to stain concrete

Isopropyl alcohol	67-63-0	<10%
Proprietary reactive stains		>50%

## 3. Hazards identification

Highly Flammable.

## 4. First-aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 13-11-26

**Ingestion:** Do NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.

**Inhalation:** Remove to fresh air. If respiratory irritation, dizziness, nausea or unconsciousness occurs seek medical attention

**Skin Contact:** Wash skin thoroughly with water. Launder contaminated clothing before re-use.

**Eye Contact:** Flush eye with water. If irritation persists obtain medical attention.

**Advice to Doctor:** Treat symptoms with reference to specific health effects identified above.

## 5. Fire-fighting measures

**Specific Hazards:** Flammable liquid. May form flammable vapour mixtures with air. 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. Vapour is heavy and may travel a considerable distance to a source of ignition and flash back.

**Fire-fighting advice:** Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

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**Suitable Extinguishing Media:**

Foam, dry chemical, carbon dioxide or water fog.

**6. Accidental release measures**

Shut off all possible sources of ignition. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). If contamination of sewers or waterways has occurred advise local emergency services.

**7. Handling and storage**

**Handling advice:** Avoid skin and eye contact and breathing in vapour. Use in well ventilated area away from ignition sources. Ground and bond all transfer equipment.

**Storage advice:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from sources of heat or ignition. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks. This material is a Toxic Substance S3 and must be stored, maintained and used in accordance with the relevant regulations.

**8. Exposure controls/personal protection****Occupational Exposure Limits:**

No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, Workplace Exposure Standard(s) for constituent(s):

Isopropyl alcohol: TLV/TWA is 400 ppm (983mg/m<sup>3</sup>); STEL is 500 ppm (1230mg/m<sup>3</sup>)

**Engineering Control Measures:**

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected.

**Personal Protective Equipment:**

Wear overalls, chemical goggles 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. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

**9. Physical and chemical properties**

Physical state:	Liquid
Colour:	colourless
Solubility:	slightly
Specific Gravity:	0.95
Flash Point (°C):	12°C
Flammability Limits (%):	2.3-12.7
Boiling Point/Range (°C):	82°C

**10. Stability and reactivity**

**Stability:** Stable. Avoid contact with strong acids, alkalis and oxidizers.

**11. Toxicological information**

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Ingestion:** Practically non-toxic.

**Eye contact:** Practically non-irritating.  
**Skin contact:** Practically non-irritating.  
**Inhalation:** Caution alcohol fumes may be present.

#### 12. Ecotoxicological information

Avoid contaminating soil and waterways.

#### 13. Disposal considerations

Refer to Waste Management Authority. Advise flammable nature. Dispose of material through a licensed waste contractor.

#### 14. Transport information

##### Road and Rail Transport

Classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

UN No: 1263

Class-primary 3 Flammable Liquid

Packing Group: II

Proper Shipping Name: PAINT RELATED MATERIAL

Hazchem Code: 3[Y]E

##### 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

Class-primary: 3.2 Flammable Liquid

Packing Group: II

Proper Shipping Name: PAINT RELATED MATERIAL

##### 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

Class-primary: 3 Flammable Liquid

Packing Group: II

Proper Shipping Name: PAINT RELATED MATERIAL

#### 15. Regulatory information

Classification: This material is hazardous according to the criteria of HSNO.

Toxic Substances Act: Harmful substance, 4<sup>th</sup> schedule.

#### 16. Other information

While we believe that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Fortis assumes legal responsibility. No reliance should be placed upon the information without it first being given your due consideration, investigation and verification.