

MATERIAL SAFETY DATA SHEET

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SUPPLIER DETAILS

Company: **Masons Plastabrick Limited**
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IDENTIFICATION

Name: **Masonry Sealer**
Description: Resin Solution
Hazardous Nature: Hazardous according to NZ Dangerous Goods and Toxic Substance regulations.
UN No: 1866
Hazchem: 3[Y]
DG Class: 3
Toxic Substances Schedule: Third
Packaging Group: 111
Use: **Concrete and Masonry Sealer:**

Physical Description/Properties:

Appearance: Clear liquid, solvent odour.
Boiling Point[©]: 111°C
Melting Range[©]: N/A
Vapour Pressure (mm of Hg @ 20c): 22
Solubility in Water (g/L): insoluble
Flash Point: (°C) 13
Flammability Limits % by volume: 1.0 – 7.0
% Volatile (wt): > 80
Evaporation Rate (Butyl Acetate = 1): 2.24
Specific Gravity: 0.9

INGREDIENTS

Chemical Entity	CAS no.	Proportion (% wt)
Xylene	1330-20-7	20 - 30
Toluene	108-88-3	40 -60
Synthetic Resin:	not known	20 - 30

HEALTH HAZARD INFORMATION

Health Effects:

Skin: Irritating to skin with repeated or long-term exposure.
Eyes: Moderately irritating to the eyes.
Inhaled: Vapour or mist is irritating to mucous membranes and respiratory system.
Continuous exposure can cause headache, nausea, dizziness or asphyxiation.

Swallowed: Can be harmful if swallowed.

Long Term Hazard: Over exposure to solvent content can damage kidneys, liver and lungs.

First Aid:

Swallowed: **Do not** induce vomiting. Immediately give plenty of water or milk and seek medical attention.

Eye: Immediately hold eyes open and flush with water continuously for at least 15 minutes. Seek medical attention.

Skin: Remove all contaminated clothing and wash affected area with plenty of soap and water.

Inhaled: Remove from further exposure, provide fresh air. Apply artificial respiration if not breathing. Seek medical attention.

Advice to Doctors: **Treat symptomatically:**

PRECAUTIONS FOR USE

Personal Protection:

Skin: Protective clothing. Use neoprene or nitrile gloves. Industrial weight lined gloves are recommended.

Eyes: Solvent resistant safety eyewear with side shields. AS/NZS 1337 : 1992 refers.

Respiratory: AUS Class 1 half face respirator with type A organic vapour filter and class P1 particulate filter is recommended.

Work Practice Advice: Use in a well-ventilated area with explosion proof equipment. A suitable respiratory device should be worn if vapour generation cannot be controlled below the exposure standard using positive ventilation. Local exhaust ventilation is recommended, preferably a paint spray booth for spraying operations. Vapour is heavier than air and can collect in confined spaces and hollows.

SAFE HANDLING INFORMATION

Storage: The product is classified as a Dangerous Good of Class 3 (**Flammable Liquid**), Packaging Group III.

Store in a cool, dry, bunded area away from alkalis, acids, poisons, foodstuffs, empty foodstuff containers, and oxidising agents.

Storage should be appropriate as per Dangerous Goods regulations.

Remove bungs slowly to release internal pressure.

Transport: As per the code for Transportation of Dangerous Goods by road and rail.

Spills & Disposal: Eliminate sources of ignition.

Wear protective clothing, goggles and PVC or rubber gloves. Wear an approved air supplied respiratory device if spillage is in a confined space.

Contain spilt material with sand or earth and prevent run-off into drains and waterways.

Isolate any leaking containers and transfer contents to suitable alternative containers* for recovery.

Transfer contaminated sand or earth to suitable containers.

Dispose of containers of spilt material and contaminated sand or earth at approved sites.

Clearly label all containers.

Fire/Explosion Hazard:

Flash Point: 13°C

Auto Ignition Temperature: not known

Upper Explosion Limit %: 19

Lower Explosion Limit %: 3.3

Product is flammable. Will emit noxious fumes containing carbon monoxide on burning. Wear self-contained breathing apparatus. If contents are on fire, use foam, dry chemical or carbon dioxide extinguisher. **Do not use water jet.**

Keep containers cool by spraying with water to prevent pressure build-up and drums bursting. Isolate from heat, electrical equipment sparks and open flames.

Decomposition Products: Oxides of carbon and nitrogen.

Note: The information provided above is for general guidance only.

Masons Plastabrick Limited believe this information is accurate and reliable as of the date of this M.S.D.S, but no guarantee is made to the accuracy, reliability, or completeness of the information.

Users are advised to make their own determination as to the information's suitability and completeness for there particular application.