

THE LAB[®]

Chemicals & Coatings

-BIO-PROOF-

TECHNICAL AND MATERIAL SAFETY DATA SHEET

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SUPPLIER IDENTIFICATION AND INFORMATION

| | |
|--------------------------|-------------------------------|
| Manufacturer name | THE LAB Chemicals & Coatings |
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THE LAB BIO-PROOF

(Water Base)

Can handle ponding water on concrete and metal surfaces with elasticity

Description

THE LAB BIO-PROOF Liquid Seal is a water-based, fire retardant, waterproofing and an elastomeric sealant. It is also used to fill and seal cracks and joints in both metal and concrete surfaces, which ultimately prevents water penetration. When the product is cured, it forms a tough, highly durable, flexible seal that has ultimate protection properties and tolerates thermal movement in the substrate without splitting or cracking

Fast drying with excellent water resistance properties as it can handle ponding water on concrete and metal services. The Chemical & Pollution Resistant surface was engineered to shed dirt, retaining a bright, attractive appearance. It is vapors permeable and allows entrapped substrate moisture to escape without causing blistering or delamination.

Uses

THE LAB BIO-PROOF Liquid Seal has sealing and adhesive properties. The product can be applied over concrete, metal, wood etc. The ideal area for application is ponds, metal roofs, parapets, water features, gutters, down pipes, concrete roofs, pre-cast panel walls, glazing etc..

Properties

| | |
|----------------------------|------------------------|
| Colour: | THE LAB Std Colours |
| Gloss Level: | Satin |
| Application Method: | Brush, Roller or Spray |
| Drying times: | (25°C, 50% RH) |
| Touch Dry: | 45 minutes |
| Re-Coat: | 2 hours |
| Flammability: | Non-Flammable |

| | |
|---------------------|---|
| Spread Rate: | 6-8 m ² /l per coat This serves as a guide only |
| Clean-Up: | Water |

Maintenance

No special requirements. Any damage identified during normal inspections should be repaired or replaced as required.

Application instructions

Surface preparation

All surfaces must be prepared using THE LAB BIO-BOND primer. Previously painted and old primed surfaces must be cleaned by removing all grease, paint and loose friable dirt. Joints and cracks must be sound, clear and dry. Sealant must be firmly filled into all the joints or cracks to ensure the benefits of the full strength of the product.

Application

Apply with a paint brush, roller or spray.

Safety Precautions

Keep out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention.

THE LAB BIO-PROOF

MATERIAL SAFETY DATA SHEET



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : **THE LAB BIO-PROOF**

Date Issued : 02/04/2021 CAS no. : n/a

EC no. : n/a UN No. : 1263 SAPMA : 4-H-C

In emergency contact THE LAB BIO-PROOF, Cape Town

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification : Not classified as hazardous

No significant quantity of classified hazardous substances present. (CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SECTION 3. HAZARD IDENTIFICATION

SAPMA Health Rating : 4-MINIMAL - No great risk to health Inhalation : Avoid exposure to vapours, fumes and mists. Skin : No hazard expected if used in moderation. Eyes : No direct hazard is expected but possible contact with any chemical must always be avoided. Ingestion : Irritating and nauseating. No carcinogenic, mutagenic or genetic effects established. May have short term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES

Inhalation : Move to fresh air.

Skin : Always wash after handling chemical substances.

Eyes : In case of any contact and discomfort rinse well with water and seek medical advice.

Ingestion : Wash mouth with plenty of water. Do NOT induce vomiting. seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Dried residues - combustible with toxic fumes. No direct explosion hazard expected.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA Rating : 4-H-C

PPE : Eye protection

Inhalation : In case of insufficient ventilation, use suitable respiratory protection.

Skin : Use only as directed.

Eyes : Avoid direct contact. Never touch eyes with dirty hands or gloves.

Ingestion : Observe the rules of hygiene. Wash before eating, drinking or smoking.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical class : Non-hazardous material

Description : Viscous liquid

Smell : Pungent

FlashPoint (C) : n/a

THE LAB BIO-PROOF

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SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous for transport



SECTION 15. REGULATORY INFORMATION

EC no. : n/a
EC Classification : Not classified as hazardous
S2 - Keep out of reach of children. (Retail sales items)

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms with General Administrative Regulations of 6 Sept. 1996 (ISO-11014/ANSIZ400.1.1996) OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug. 1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991) All information is given in good faith but without guarantee in respect of accuracy.

No responsibility is accepted for errors or omissions or the consequences thereof.

Note:

- The recommendations contained in these data sheets are based on results obtained from tests and experience. It is believed to be reliable but is given as a guide only.
- No guarantee is implied by the recommendations contained herein since conditions of use, method of application and preparation of the substrate prior to painting are beyond our control.
- Our technical section should be contacted to clarify recommendations and specifications for projects, either of a specific or general nature.