

THE LAB[®]

Chemicals & Coatings

-BIO-GUARD-

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-GUARD

Recommended specification:

BIO-ALGAE advised for algae or fungal growth.

BIO-WASH Advised to clean dirt

BIO-BOND – Primer Universal]

THE LAB BIO-GUARD HAS EXCELLENT SEALING FEATURES AS IT IS A WATER BOND ACRYLIC, ELECTROMETRIC MEMBRANE MADE INTO A CLEAR PRODUCT. IT ACTS ON THE GREASE, OIL, ALKALIS AND ACIDS THAT LEAD TO DESTRUCTION OF THE MATERIAL BY SEEPING DEEP IN TO ITS SURFACE. THE RESIN HELPS TO MEND MINOR AND HAIRLINE CRACKS. IT ACTS AS A WATERPROOF SURFACE AND KEEPS OUT DUST AS WELL. CHEMICAL AND ABRASION RESISTANT ARE SOME OTHER QUALITIES OF THE LAB BIO-GUARD.

USES

CLEAR SEALANT that protects the natural color of surfaces such as wooden doors, roof tiles, wooden doors, stones and bricks, it is perfect as a waterproof coat. It is even used to strengthen fiberglass to optimize its use.

ADVANTAGES

- Ultraviolet, heat and stain resistant
- No discolouration with age
- Very good adhesion and flexibility
- Excellent efflorescence protection

APPLICATION

Get rid of the chemical and fat deposits, oil and laitance from the surface. Leave concrete prior to 28 days of application. Wash the older surfaces with sandblasting or pressure jet as convenient. A damp cloth should be used to wipe the wooden areas. Varnish the wooden surfaces and sand them after removing everything. Appropriate weather conditions are a must while applying The Lab Bio-Guard. Sheen will appear if there is a constant water flow on the area being applied with varnish. Sheen will go away after a drying period.

TECHNICAL PROPERTIES

Colour	Available as a clear product or stains such as Ebony, Oak, Mahogany or matched as required.
UV resistance	Excellent
Chemical resistance	Excellent
Water resistance	Excellent
Hardening resistance	Excellent
Drying time	24 Hours (full cure)
Spreading rate	10-15 m ² /L (depending on substrate)

CLEANUP

Use water to clean all the equipment thoroughly after using it.

STORAGE

Store the sealed containers at moderate temperatures.

MATERIAL SAFETY DATA SHEET



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/

PREPARATION Name : THE LAB BIO-GUARD

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

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. HAZARDS 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

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.