

THE LAB[®]

Chemicals & Coatings

-SMARTSEAL-

TECHNICAL AND MATERIAL SAFETY DATA SHEET

DISCLAIMER AND IMPORTANT SAFETY NOTICE

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SUPPLIER IDENTIFICATION AND INFORMATION

Manufacturer name	THE LAB Chemicals & Coatings
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Email	info@thelabcc.co.za

THE LAB SMARTSEAL

(Water Base)

BIO-ALGAE advised for algae or fungal growth.
BIO-WASH advised for IBR ,
Corrugated Roofs Metalreat - Primer
THE LAB SMARTSEAL - As the flexible Waterproof Topcoat
This is a maintenance specification (Inspect roof periodically)

EXTREMELY DURABLE, WASHABLE, COATING
FOR EXTERIOR WALLS AND ROOFS

Description

Smartseal is a high-build coating with an attractive satin finish. It has exceptional exterior durability and flexibility. It is alkali, mould and water resistant. A unique formulation that protects exterior walls by inhibiting the growth of mould and fungus, plus delivers superior dirt resistance.

Uses

Recommended specification for:

Suitably primed new and previously painted:

plaster
concrete
wood,
various building boards
gypsum plaster
mild steel,
galvanized steel.

Suitable as a waterproofing product for:

Flat Roofs
Cement Roofs
IBR Roofs
Corrugated Roofs
Tile Roofs

(contact your sales representative for recommendation)

Properties

Colour:	Standard Colours only
Gloss Level:	Satin
Volume Solids:	Approx. 64% by mass, 52% by Vol
Application Method:	Brush, Roller or Spray
Drying times:	(25°C, 50% RH)
- Touch Dry:	30 minutes
- Re-Coat:	2 hours
Flammability:	Non-flammable
Viscosity:	125 – 140 KU+
Spread Rate:	4-6 m ² /l per coat @ 85 µm DFT 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

Previously painted surfaces in good condition:

Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean with **BIO-WASH** solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of **Bio-wash**. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish to aid adhesion.

Chalky surfaces:

Remove completely by scraping, wire brushing, sandpapering, etc. to expose the underlying substrate. Apply **THE LAB ARP Masonry Primer** (recommended primer – **Consult sales representative**).

Metal surfaces:

Remove completely by scraping, wire brushing, sandpapering, etc. to expose the underlying substrate. Apply **Metalreat** (recommended primer – **Consult sales representative**).

Previously painted surfaces in poor condition: Completely remove paint by most appropriate means, then treat the same as for new work.

Application

Mixing: Stir thoroughly with a flat paddle until homogeneous.

Method: Brush, roller or airless spray
(Consult sales representative for spray equipment specifications)

Thinning: Not recommended - Ready for use.

Cleaning: Water

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.

Warranty

Refer to THE LAB Terms and Conditions on our website at www.thelabcc.co.za

THE LAB SMARTSEAL

MATERIAL SAFETY DATA SHEET



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : **Smartseal**

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 Paint and Chemicals** Cape Town at +2784 507 1767

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. Use

Skin : 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.



THE LAB SMARTSEAL

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.