

THE LAB[®]

Chemicals & Coatings

-DOUBLEGUARD-

TECHNICAL AND MATERIAL SAFETY DATA SHEET

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SUPPLIER IDENTIFICATION AND INFORMATION

Manufacturer name	THE LAB Chemicals & Coatings
Address of manufacturing	8 Garvin Circle, Strand, 7140
Tel number	+27 (0)21 852 7692
Email	info@thelabcc.co.za

THE LAB DOUBLEGUARD

PRODUCT IDENTIFICATION

DESCRIPTION

THE LAB DOUBLEGUARD is a highly quality, lightweight, high strength filler compound for smoothing imperfections above or below the waterline on steel, cement, aluminium and fiberglass hulls. Doubleguard incorporates hollow spheres for an exceptional finish.

PROPERTIES

Excellent sag resistance
 No shrinkage (100% solids) High bond strength Excellent sanding properties Water smoothable. Smooth consistency when mixed Heat Distortion Temperature > 85 °C

CHEMICAL RESISTANCE

Resistant to sea water, most dilute acids and alkalis. Petroleum products and aliphatic solvents.

SURFACE PREPARATION

Steel: Grit blast to Sa2 ½ (50µ minimum profile). Prime with Epoxy Zinc Phosphate Primer @ 8 - 10m²/l(30 - 40µ DFT).

Aluminium: Sweep blast or grind with 60 grit disc pads to a ± 50µ profile. Prime with Epoxy Primer @ 5 m²/l

Fibreglass: Sand surfaces with 80– 100 grit sand paper.

Wood: Sand surface with 80- 100 grit sand paper.

MIXING INSTRUCTIONS

Using a spatula mix two parts by volume of base resin (white) with one part activator (red) to a uniform pink colour.

(Do not Add Thinners)

Apply with a trowel or scraper and smooth with water. Allow to cure overnight (12- 24 hours) before sanding.

TOXICITY

Although Doubleguard is relatively non-toxic, it is recommended that the normal precautions in dealing with conventional Epoxy systems are adhered to. Refer to the Material Safety Data Sheet.

HOW TO SPECIFY

All surfaces to be prepared, primed before using with Doubleguard according to the manufacturer’s instructions. The technical data furnished is given to the best of our knowledge based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only.

PRODUCT INFORMATION	
No of components	2
Colour	Base: White Activator: Black
Colour when mixed	Mixed: Light grey
Consistency	Smooth Paste
Sag resistance mixing	20mm @25°C
Ratio (by vol)	2 : 1
Pot life	25 min @ 25°C
Touch dry (25 °c)	2 hours
Practical cure	6 hours
Full cure	7 days
Theoretical coverage	8/m ² /1mm
Cleaner	Water
Shelf life	24 months
Packaging	3 kg



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name: Doubleguard Compound Base

Date Issued : 23/04/07 CAS no. : n/a EC no. : n/a

UN No. : n/a SAPMA : 2-H-C

In emergency contact at The Lab

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

[Xi R43]

EC Classification : Xi R43 S02,13,24,37,46

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS LIQUID EPOXY RESIN M.Wt <700 >1%

[CAS #:] [E.C. #:]

EEC Labels : XI

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating : 2-MODERATE - Temporary or minor injury possible even if treatment given.

Inhalation	Irritating, narcotic. Can affect CNS.
Eye contact	Irritating.
Skin contact	HARMFUL BY CONTACT. Potential sensitiser.
Ingestion	Irritating

No carcinogenic, mutagenic or genetic effects established.

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

SECTION 4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water. Seek medical advice.
Inhalation	Move to fresh air. In case of discomfort seek medical attention.
Skin contact	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Ingestion	Wash mouth with plenty of water. Do NOT induce vomiting. seek medical attention

SECTION 5. FIRE-FIGHTING MEASURES

Combustible with toxic fumes.

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Cool containers in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

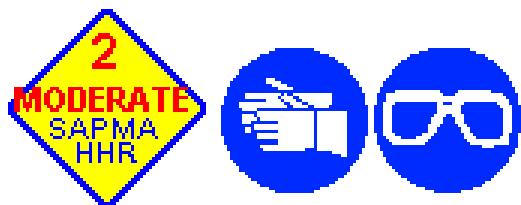
No open flames.

No smoking.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

SAPMA Rating : 2-H-C PPE : Eye protection

Personal protection	
Inhalation	In case of insufficient ventilation, use suitable respiratory protection.
Skin	Avoid direct contact. Use barrier cream and impervious gloves.
Eyes	Use goggles. Avoid direct contact.
Ingestion	Observe the rules of hygiene. Wash before eating, drinking or smoking. Skin Sensitiser



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical class : Non-hazardous material Description : Viscous liquid

Smell : Pungent FlashPoint (C) : >100

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 CONSIDERATION

DISPOSAL PHRASES (FIELD 1) - PLEASE EDIT - USE ARROWS DISPOSAL (FIELD 3) - PLEASE EDIT
- USE ARROWS

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous for transport



SECTION 15. REGULATORY INFORMATION

EC no. : n/a

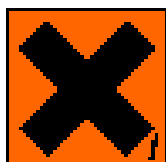
EC Classification : Xi R43 S02,13,24,37,46 R43 - May cause sensitisation by skin contact

S2 - Keep out of reach of children. (Retail sales items)

S13 - Keep away from food, drink and animal feeding stuffs S24 - Avoid contact with the skin

S37 - Wear suitable gloves

S46 - If swallowed seek medical advice immediately and show this container or label



Irritant

SECTION 16. OTHER INFORMATION

THIS SUBSTANCE IS A POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN. IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

- 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)

All information is given in good faith but without guarantee in respect of accuracy.

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991) No responsibility is accepted for errors or omissions or the consequences thereof.



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

Name : Doubleguard Compound Activator

Date Issued : 23/04/07 CAS no. : n/a EC no. : n/a

UN No. : n/a SAPMA : 2-H-C

In emergency contact at The Lab

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

[Xi R43]

EC Classification : Xi R43 S02,13,24,37,46

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS AMINOPOLYAMIDE. >1%

[CAS #:] [E.C. #:]

EEC Labels : XN MIX

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating : 2-MODERATE - Temporary or minor injury possible even if treatment given.

Inhalation	Highly irritating.
Eye contact	Irritating.
Skin contact	HARMFUL BY CONTACT. Potential sensitiser
Ingestion	Irritating.

No carcinogenic, mutagenic or genetic effects established.

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

SECTION 4. FIRST AID MEASURES

Eye contact	ACT FAST! - Rinse immediately with plenty of water and refer to doctor immediately.
Inhalation	Move to fresh air. In case of discomfort seek medical attention.
Skin contact	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
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

SPILLAGE PHRASES - PLEASE EDIT - USE ARROWS

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

SAPMA Rating : 2-H-C PPE : Eye protection

Personal protection	
Inhalation	Avoid breathing vapours. Use respiratory protection.
Skin	Avoid direct contact. Use barrier cream and impervious gloves.
Eyes	Use goggles. Avoid direct contact.
Ingestion	Observe the rules of hygiene. Wash before eating, drinking or smoking

Skin Sensitiser.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical class : Non-hazardous material Description : Viscous liquid

Smell : Pungent Flash Point (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

Medium to long term environmental effects. Contain, collect & remove.

SECTION 13. DISPOSAL CONSIDERATION

Use only reputable waste disposal companies.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous for transport



SECTION 15. REGULATORY INFORMATION

EC no. : n/a

EC Classification : Xi R43 S02,13,24,37,46 R43 - May cause sensitisation by skin contact

S2 - Keep out of reach of children. (Retail sales items)

S13 - Keep away from food, drink and animal feeding stuffs S24 - Avoid contact with the skin

S37 - Wear suitable gloves

S46 - If swallowed seek medical advice immediately and show this container or label



SECTION 16. OTHER INFORMATION

THIS SUBSTANCE IS A POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN. 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.

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