

ABSOLUTELY ECO-FRIENDLY



GREENCOAT™

ECO PAINT

ECO-LITE CEILING

TECHNICAL AND MATERIAL SAFETY DATA SHEET

DISCLAIMER AND IMPORTANT SAFETY NOTICE

To the best of our knowledge the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact GREENCOAT before ordering to ensure the correct products are used for application. No guarantee of accuracy is given nor implied. We guarantee that all GREENCOAT products have undergone quality control procedures to conform to GREENCOAT quality control standards. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to the replacement of products. Prices and cost data, if shown, are subject to change without prior notice. The factory will NOT be responsible for damage or loss if application is not done by GREENCOAT trained applicators or if GREENCOAT specifications are not adhered to. It is the customers' responsibility to ensure they familiarize themselves with the correct application methods and ask for help from GREENCOAT. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY GREENCOAT, EXPRESSOR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

SUPPLIER IDENTIFICATION AND INFORMATION

Manufacturer name	GREENCOAT
Address of manufacturing	7 Vuyisile Mini Street, Bethal, 2310
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PRODUCT IDENTIFICATION



Product name	Eco-Lite Ceiling
Date Issued	03/02/2016
CAS no.	n/a
EC no.	n/a
UN No.	1263
SAPMA	4-H-C
In emergency contact	GREENCOAT
Product Description	Eco-Lite Ceiling Paint is a modified acrylic paint formulated for ceilings. It is not recommended for use in areas of high moisture exposure or where a washable finish is required. Not for use on surfaces subject to abrasion or that require repetitive washing. Eco-Lite Ceiling is formulated without the addition of petroleum-based or organic solvents, which eliminates the emissions of volatile organic compounds (VOCs) into the air.
Principal Characteristics	<ul style="list-style-type: none"> • Use on interior ceilings • Premixed soft white colour helps mask minor imperfections • Provides maximum light diffusion • Excellent hiding properties • Water clean-up • Dries to a uniform, flat finish • Virtually odourless during and after application
Intended use	New and maintenance work. Residential and commercial sites. Finish coat for interior ceilings. Previously painted surfaces in good condition. Properly primed surfaces including plaster, drywall, masonry, wood, concrete and stucco.

COMPOSITION

EC Classification: Not classified as hazardous.

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

TECHNICAL DATA

Resin Type	Modified Acrylic
Colour Range	White
Finish	Flat, 0-5 @ 60°
Drying Time (23°C & 50% R.H)	To Touch: 30 minutes To Recoat: 4 hours
Practical coverage	4-6m ² per litre
Recommended Film Thickness	Wet: 120 microns Dry: 35 microns
Specific Gravity	1.54
Solids by Weight	54.4% ± 2%
Solids by Volume	33.8% ± 2%
VOC	<20 g/L
Clean Up	Water
Decanning sizes	1 lt ,5 lt & 20lt

HAZARD IDENTIFICATION

SAPMA Health Rating: 4-MINIMAL – No great risk to health

PRIMARY ROUTE OF EXPOSURE

Inhalation	Avoid exposure to vapours, fumes and mists.
Eye contact	No direct hazard is expected but possible contact with any chemical must always be avoided.
Skin contact	No hazard expected if used in moderation.
Ingestion	Irritating and nauseating.

- No carcinogenic, mutagenic or genetic effects established.
- May have short term environmental effects.
- Contain, monitor & remove.

FIRST AID MEASURES

Inhalation	Move to fresh air.
Eye contact	In case of any contact and discomfort rinse well with water and seek medical advice.
Skin contact	Always wash after handling chemical substances.
Ingestion	Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

FIRE-FIGHTING MEASURES

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

ACCIDENTAL RELEASE MEASURES

Contain & collect. Keep out of drains and sewers

HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular

EXPOSURE CONTROLS / PERSONAL PROTECTION

SAPMA Rating: 4-H-C PPE: Eye protection

PERSONAL PROTECTION	
Inhalation	In case of insufficient ventilation, use suitable respiratory protection.
Skin protection	Use only as directed.
Eye protection	Avoid direct contact. Never touch eyes with dirty hands or gloves.
Ingestion	Observe the rules for hygiene. Wash before eating, drinking or smoking.



STABILITY AND REACTIVITY

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

PHYSICAL AND CHEMICAL PROPERTIES

Chemical class	Non-hazardous material
Description	Viscous liquid
Smell	Pungent
Flashpoint (C)	n/a

TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established.

ECOLOGICAL INFORMATION

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

DISPOSAL INFORMATION

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

TRANSPORT INFORMATION

Not classified as dangerous for transport.



REGULATORY INFORMATION

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

OTHER INFORMATION

All data is based on the current knowledge of **GREENCOAT** and describes the product with reference to safety data and is therefore not intended to guarantee certain properties.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE

- This MSDS conforms with General Administrative Regulations of 6 Sept.1996 (ISO-1014/ANSIZ400.1.1996) OELs derived from OHSAct 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.

SURFACE PREPARATION

General

- All surfaces must be cured, firm, dry and cleaned free of loose paint, dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating.
- Degloss shiny surfaces by lightly sanding*.
- Repair cracks and fill voids.

New Surfaces

Follow general surface preparation guidelines. New concrete or stucco should be allowed to cure for 30 days prior to painting. Moisture content should be less than 12 % as measured with a moisture metre and the pH should be between 7 and 11. Remove all laitance and efflorescence before priming with the appropriate primer.

Previously Painted Surfaces: Follow general surface preparation guidelines. Remove loose or failing paint and spot prime bare areas or entire surface with **GREENCOAT** Bind. Hard, glossy surfaces may require sanding and/or **GREENCOAT** UV Guard.

APPLICATION

- Ready-to-use product - do not thin.
- Mix thoroughly before use.
- Apply using brushes, rollers or spray equipment.

APPLICATION CONDITIONS

- Apply with good ventilation only when air and surface temperatures are above 10°C

Tools

- Brush - synthetic bristles (nylon, polyester)
- Lint free roller - 10-15mm
- Spray (Airless equipment) - tip size:0.013 to 0.019in
- Pressure: 2300 - 2700psi

Spray recommendations may vary from figures listed depending on equipment manufacturer

- Spraying and Back-rolling is recommended on new flat work. Do not apply when material, air, and/or surface temperature is below 4°C. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks. Keep product from freezing.

THINNING

Apply at can consistency. If thinning is necessary to maintain workability, do not exceed 5% per litre.

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.



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