



## Smart Eco Silk

SPTBECS

1 Litre, 5 Litres & 15 Litres

### Description

**SMART ECO-SILK** is a specially formulated Zero VOC, APEO Free and low odour emulsion paint that provides a healthy living environment for the family. It provides a high sheen wall finish that is able to enhance the indoor surface with luxurious feel while protecting the wall at the same time. The paint film is highly durable and washable which is suitable for interior wall and ceiling.

### Usage

For decoration and protective of wall, ceiling, plaster, brickworks, cement board for a Luxury Decorative Mid Sheen Finish. Easily maintained by cleaning with a damp cloth.

### Composition

Pigment	:	Lightfast Non – Lead Pigments and Mineral Extenders.
Binder	:	Vinyl Polymer
Volume Solid	:	White 38% ( Nominal), other colours will vary.
Diluent	:	Water.

### Properties

Finishing	:	Mid Sheen Luxury Finish.
Colour	:	A wide range of colours. Please refer Smart Vinyl Glo Colour Card.
Theoretical Coverage	:	10 - 12 m <sup>2</sup> /Litre
Drying Time	:	*Touch dry – 30 to 60 minutes. *Dependent on temperature and humidity.
Recoating Interval	:	1 to 2 hours.

### Application Method

Brush	:	For normal use thinning is not necessary.
Roller	:	For normal use thinning is not usually necessary. Can be thin 5 – 10% by volume with water to assist application.
Conventional Air Spray	:	Thin with 10 – 20% by volume with water and adjust to requirement.
Airless Spray	:	Thinning is not necessary. Can be thin 5 - 10% by volume with water to assist application.

### Surface Preparation

Surface must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease and wax. (To have a better finish, rub down surface using suitable abrasive and dust off.) If after thorough preparation surface remains powdery, for best effect seal with 1 coat of Smart Eco Sealer. If the surface suffers from alkali attack, it is best recommended to seal with 1 coat of Smart Eco Sealer.

**Painting Guide**

<b>Substrate</b>	<b>Primer (1coat)</b>	<b>Finish (1 – 3 coats)</b>
Powdery Surface	Smart Eco Sealer	Smart Eco Silk
Alkali/ New Surface	Smart Eco Sealer	Smart Eco Silk

## Composition / Information on Ingredients

Component	% by wt	% by wt
Emulsion Polymer	< 46%	-
Pigment	< 27%	-
Additive	< 4%	-
Water	< 23%	-

## Hazard Identification

Not classified

## First Aid Measures

### EMERGENCY AND FIRST AID PROCEDURES :

If overcome by vapors, remove to fresh air and if breathing stopped, give artificial respiration. Keep individual calm. Call a physician. If eye contact occurs, flush with water for at least 15 minutes and call a physician. For skin contact, wash thoroughly with soap and water. If swallowed, do not induce vomiting. Drink a glass of water and consult physician IMMEDIATELY.

## Fire Fighting Measures

- Specific Hazards : Not Combustible
- Extinguishing Media : Foam, CO2, Dry Powder, sand
- Unsuitable Extinguishing Media : Water in a jet
- Fire Fighting Procedure : Respiratory protection is required for fire fighting personnel. Do not breathe fumes. Stay upwind, if possible.
- Other Information

## Accidental Release Measures

- Personal precautions : Use appropriate safety equipment. For additional information, refer to Section 8, Personal Protection information.
- Environmental precautions : Prevent the product from escape into soil, watercourses or drainage systems.
- Methods for cleaning up : Eliminate source of ignition. Contain area and keep public away. Recover free liquid by pumping or scooping with shovel into separate container. Use sawdust, sand, earth or other absorbent to prevent material flow. Prevent liquid from entering sewers, watercourse or low areas. Dispose in accordance with local regulation.

## Handling and storage

Keep container closed when not in use. Do not handle or store near open flame, heat, sparks, or strong oxidants. Adequate ventilation required. Avoid inhalation of vapours and contact with skin and eyes. Do not keep product for a long time (>2 years). Keep good house-keeping.

## Exposure Controls / Personal Protection

Ventilation	:	Sufficient ventilation should be provided during application.
Respiratory Protection	:	Use approved respiratory protection such as air supplied mask if used in enclosed spaces.
Eye Protection	:	Chemical splash-proof goggles or face shield
Skin Protection	:	Chemically resistant gloves

## Physical and Chemical Properties

Appearance	:	Viscous liquid with various colour
Solid	:	<60% (depends on colour)
Specific Gravity @ 25oc	:	1.15 - 1.30 (depends on colour)
*boiling Point	:	100 °C
*melting Point	:	0 °C
*vapour Pressure (Air = 1)	:	>1
*vapour Density (101.3 Kpa / Air = 1)	:	>1
Evaporation Rate (N – Butyl Ether = 1)	:	<1
Solubility	:	Miscible with water
Odour	:	Mild

\*properties of water

## Stability and Reactivity

Stability	:	Heat, spark, open flame and static charge build-up
Incompatibility (Materials to avoid)	:	Strong oxidizing agents
Decomposition Products	:	Carbon monoxide and carbon dioxide

## Toxicological Information

Skin Contact	:	Prolonged and repeated contact may cause slight skin irritation.
Eye Contact	:	Prolonged and repeated contact may cause slight temporary eye irritation.
Inhalation	:	Prolonged and repeated may cause respiratory irritation. Signs and symptoms of excessive exposure may include headache, or vomiting.

Effects Of Over Exposure : High vapour and spray mist can be irritating to the eyes, skin and the respiratory tract. Excessive inhalation can cause headache, nausea, dizziness or irritation to the respiratory tract and may have other central nervous system effects. Ingestion can cause lungs, kidney and/or liver damage. Overexposure can cause irreversible eye burns and damage. Skin and respiratory sensitization and allergic reaction such as rash, hives or asthma can occur.

### Ecological Information

No ecological studies have been carried out on this product.

### Disposal Considerations

If possible recover the product, otherwise dispose by incinerate or land fill must be in compliance with all local laws and regulation.

### Transport information

ROAD (ADR) : Not Regulated

RAIL (RID) : Not Regulated

AIR (ICAO/IATA) : Not Regulated

SEA (IMO/IMDG) : Not Regulated

### Regulatory Information

Regulatory information in country or region with regards to this product should be observed.

### Other Information

All information appearing herein is based on our present state of our knowledge. However the information in this MSDS may not be valid for such material used in combination with any other materials or in any process. No representation, warranty or guarantee is made as to its accuracy, reliability or completeness. We do not accept liability for any loss or damage that may occur from the use of this information.

### Company Identification

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