

Toplus Emulsion Paint

TP6

7 Litres & 18 Litres



Description

Toplus Emulsion Paint is an economical decorative finish. It is suitable to be applied on ceiling, normal interior masonry surfaces and soft wall boards. This product is specially formulated with styrene acrylic binder. It is highly recommended for use in housing scheme where economy is priority.

Usage

For decoration of wall, ceiling, plaster, brickworks, cement board, hard and soft board..

Composition

Pigment	:	Titanium dioxide and/or mineral extenders
Binder	:	Styrene acrylic
Volume Solid	:	40%
Diluent	:	Water

Properties

Finishing	:	Classic matt finish
Colour	:	White
Theoretical Coverage	:	12 – 13 m ² /Litre (actual coverage dependent on substrate condition.)
Drying Time	:	* Touch dry – 15 to 30 minutes. * Hard dry – 1 hour. *Dependent on temperature and humidity.
Recoating Interval	:	1 to 2 hours.

Application Method

Brush	:	Thin with 5 - 10% by volume with water.
Roller	:	Thin with 5 - 10% by volume with water.
Conventional Air Spray	:	Thin with 10 – 20% by volume with water.
Airless Spray	:	Thin with 10 – 20% by volume with water.

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 Wall Sealer. If the surface suffers from alkali attack, it is best recommended to seal with 1 coat of Smart Green Sealer 850.

Painting Guide

Surface Condition	Sealer (1 coat)	Finish (1 - 2 coats)
Powdery Surface	<ul style="list-style-type: none"> • Smart High Performance Sealer 900 (Solvent Base) • Smart Green Sealer 850 • Smart Wall Sealer 800 • Smart GP Wall Sealer 400 	Toplus Emulsion Paint
Alkali/ New Surface	<ul style="list-style-type: none"> • Wall Sealer 850 	Toplus Emulsion Paint

Smart paints

Composition / Information on Ingredients

Component	% by wt
Emulsion Polymer	< 10%
Pigment	< 60%
Additive	< 10%
Water	< 38%

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.

Physical and Chemical Properties

Appearance / colour	: Viscous liquid with white colour
Percent Volatiles	: < 70% (depends on colour)
Specific gravity @ 25oc	: 1.00 - 1.64 (depends on colour)
*Boiling point	: 100 oC
*Melting point	: 0 oC
*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	

Fire Fighting Measures

CLASSIFICATION	: Not Combustible
*FLASH POINT	: NA
*EXPLOSIVE LIMITS (% BY VOLUME):	
• LEL	: NA
• UEL	: NA
FIRE EXTINGUISHING MEDIA	: Foam, CO2, Dry Powder, sand
FIRE FIGHTING PROCEDURES	: Respiratory protection is required for fire fighting
*properties of solvent used	: personnel. Do not breathe fumes. Stay upwind,
	: if possible.

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.
- Cleaning methods : 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

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

Stability and Reactivity

- Conditions to avoid : 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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