



Smart Pure Gold

SPPG

30 gm, 100 gm, 300gm and 1 kg



Description

Smart 24K Pure Gold is a premium quality, 100% full acrylic water-based emulsion paint formulated with premium lustrous pigment. It is a quick dry high performance coating with excellent weathering properties designed for use at indoor and outdoor decorative and craft application. This paint offers good adhesion on various kinds of substrate such as metal, wood, masonry concrete and plaster ceiling to produce a fashionable metallic effect. It also resist to dirt, algae, mildew and alkali attack in order to maintain pristine or metallic glaze appearance.

Usage

For decoration and protection of Concrete, Granite, Plaster Ceiling & Cornices, Cast Iron Design, Metal Gates, Grills and Rock Iron Finish.

Composition

| | | |
|--------------|---|-------------------|
| Pigment | : | Metallic pigments |
| Binder | : | 100% acrylic |
| Volume Solid | : | 40% |
| Diluent | : | Water |

Properties

| | | |
|----------------------|---|--|
| Texture | : | Smooth Lustrous Gold Shine Finish |
| Theoretical Coverage | : | 10 – 12 m ² /Litre (actual coverage dependent on substrate condition.) |
| Drying Time | : | * Touch dry – 15 to 30 minutes. * Hard dry – 1 - 2 hour. *Dependent on temperature and humidity. |
| Recoating Interval | : | 1 to 2 hours. |

Application Method

| | | |
|------------------------|---|--|
| Brush | : | For normal use thinning is not necessary. |
| Conventional Air Spray | : | Thin with 10 – 20% by volume with water and adjust to requirement. |

Surface Preparation

General

Surface must be sound, clean, dry and free from all defective or poorly adhering material, dirt, grease or wax. To have better finish, rub down surface using suitable abrasive and dust off. If after thorough preparation surface remain powdery or suffer from alkali attack, for best effect seal with one coat of Smart Wall Sealer.

Previously Painted Substrate

Remove all loose, defective and unstable paint film or powdery residues by thorough brushing and scrapping. High pressure water jet I highly recommended. Make good minor defects and cracks with suitable Exterior Grade Filler. For best effect seal with one coat of Smart Wall Sealer.

Painting Guide

| Surface Condition | Sealer (1 coat) | Finish (1 - 3 coats) |
|-------------------------------|---|----------------------|
| Metal/ Galvanized & Cast Iron | <ul style="list-style-type: none"> No primer required | Smart Pure Gold |
| Concrete | <ul style="list-style-type: none"> Smart High Performance Sealer 900 (Solvent Base) Wall Sealer 850 | Smart Pure Gold |

Smart paints

Composition / Information on Ingredients

| Component | % by wt |
|------------------|---------|
| Emulsion Polymer | 60% |
| Pigment | 20% |
| Water | 20% |

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 | : < 55% |
| Specific gravity @ 25oc | : 1.13 - 1.23 |
| *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

In accordance to Occupational Safety and Health (Classification, Packaging, and Labeling of Hazardous Chemicals) Regulations 1997.

Risk Phrase : R10: Flammable

Safety Phrase: S2: Keep out of reach children.
 S7: Keep container tightly close.
 S16: Keep away from source of ignition – No smoking
 S23: Do not breathe gas/ fumes/ vapour/ spray
 S24: Avoid contact with skin.
 S57: Use appropriate container to avoid environment contamination.
 S43A: In case of fire, use sand, earth, chemical powder or foam.

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

| | | |
|---------------|---|---|
| Manufacturer | : | Smart Paints (M) Sdn. Bhd. 11, Jalan Indah Gemilang 5, Taman Perindustrian Gemilang, 81800 Ulu Tiram, Johor, Malaysia |
| Telephone No. | : | +607-289 2855 |
| Email | : | info@smart-paints.com |
| | | Fax No. : +607-861 5055 |