

MATERIAL SAFETY DATA SHEET (MSDS)

Saudia Paints – Silk Emulsion

Water-Based Acrylic Emulsion Coating

1. Identification of the Substance / Mixture and Company

Product Name: Saudia Paints Silk Emulsion

Product Type: Water-Based Acrylic Coating

Recommended Use: Decorative and protective coating for interior walls and ceilings

Manufacturer: Factory Address of Establishment

Location: Al Kharj Road, Misfat District, Riyadh, Saudi Arabia

Emergency Contact: info@saudiapaints.com

2. Hazard Identification

GHS Classification: Not classified as hazardous according to GHS criteria.

Label Elements:

- Non-flammable water-based product
- Avoid prolonged skin contact
- Avoid inhalation of spray mist

Potential Health Effects:

- Eye Contact: May cause mild irritation
- Skin Contact: Prolonged contact may cause dryness or irritation
- Inhalation: Spray mist may cause respiratory irritation
- Ingestion: May cause mild gastrointestinal discomfort

3. Composition / Information on Ingredients

Chemical Nature: Water-based acrylic copolymer emulsion

Component	CAS No.	Typical Range
Acrylic Copolymer Binder	Proprietary	20–30%
Titanium Dioxide	13463-67-7	5–20%
Water	7732-18-5	15–30%
Additives & Fillers	Proprietary	Balance

Exact composition withheld as trade secret.

4. First Aid Measures

- Eye Contact: Rinse immediately with plenty of clean water for at least 15 minutes. Seek medical attention if irritation persists.
- Skin Contact: Wash with soap and water. Remove contaminated clothing.
- Inhalation: Move to fresh air. Seek medical attention if symptoms persist.
- Ingestion: Do not induce vomiting. Rinse mouth with water and seek medical advice.

5. Fire-Fighting Measures

- Flammability: Non-flammable
- Suitable Extinguishing Media: Water spray, foam, dry chemical, CO₂
- Hazardous Combustion Products: Carbon oxides may form under fire conditions
- Protective Equipment: Standard firefighting protective gear

6. Accidental Release Measures

- Contain spill with absorbent material (sand, earth).
- Prevent entry into drains or watercourses.
- Clean with water and dispose of according to local regulations.

7. Handling and Storage

Handling:

- Use in well-ventilated areas.
- Avoid inhalation of spray mist.
- Avoid contact with eyes and prolonged skin contact.

Storage:

- Store in tightly closed containers.
- Keep in cool, dry, well-ventilated area.
- Protect from direct sunlight and freezing.
- Recommended storage temperature: 5°C – 35°C.

8. Exposure Controls / Personal Protection

Engineering Controls: Ensure adequate ventilation during application.

Personal Protective Equipment (PPE):

- Safety glasses or goggles
- Protective gloves
- Protective clothing (if required)
- Respiratory protection when spraying in confined areas

9. Physical and Chemical Properties

Property	Value
Appearance	Viscous liquid
Color	White or as per shade card
Odor	Mild
pH	8.0 – 9.0
Specific Gravity	1.30 – 1.45
Solubility	Miscible with water
Flash Point	Not applicable (water-based)
VOC Content	< 50 g/L

10. Stability and Reactivity

- Stability: Stable under normal conditions
- Conditions to Avoid: Freezing temperatures
- Incompatible Materials: Strong acids and oxidizing agents
- Hazardous Decomposition: Carbon oxides under fire conditions

11. Toxicological Information

- No known significant acute toxicity under normal use conditions
- Prolonged exposure may cause minor irritation
- No known carcinogenic components at regulated levels

12. Ecological Information

- Low environmental hazard under normal usage
- Avoid uncontrolled discharge into the environment

13. Disposal Considerations

- Dispose of product and container in accordance with local, regional, and national regulations
- Do not discharge into drains or water systems

14. Transport Information

- UN Number: Not classified as hazardous for transport
- Transport Class: Non-dangerous goods
- Packing Group: Not applicable

15. Regulatory Information

- Manufactured under ISO 9001:2015 Quality Management System
- Complies with applicable environmental and safety regulations for water-based coatings

16. Other Information

- This Safety Data Sheet is based on current knowledge at the time of issue
- Intended to describe the health, safety, and environmental aspects of the product
- The user is responsible for determining suitability and safe use under actual conditions
- Product should not be used for purposes other than those specified without proper guidance
- Compliance with all applicable laws and regulations is the responsibility of the user
- This document does not constitute a guarantee of product properties or performance