



Material Safety Data Sheet (MSDS) 化學品安全技術說明書

(1) PRODUCT IDENTIFICATION

- a) Product Number : 000 Series
b) Product Name : Flower Interior Emulsion Paint
c) Chemical Names : Main Constituents : Acrylic Latex 、 Pigment 、 additive agent 、 Filler 、 Water

(2) PHYSICAL DATA

- a) Boiling Point : ~100°C (760mm Hg)
b) Specific Gravity : 1.35 - 1.45
c) Appearance : Liquid
d) Odor : Slight amine smell but with no residual odor
e) Water Miscibility : Yes, complete

(3) CHEMICAL COMPOSITIONS (wt%)

- a) Acrylic Latex ~ 11-13%
b) Pigment ~ 18-20%
c) Filler ~ 24-27%
d) Additive agent ~ 3- 5%
e) Water ~ 40 - 45%

(4) NON-HAZARDOUS STATEMENT

Free of heavy metals, formaldehyde, aromatics, CFC.

Meets the Chinese Standard GB 18582-2008 Indoor Decorating and Refurbishing Materials – Limit of harmful substances of interior architectural coatings.

(5) FIRE & HAZARD DATA

- a) Flash Point : None (Aqueous System)
b) Extinguishing media : Non - Flammable (Aqueous System). After the water evaporates, the remaining material may burn at elevated temperature in the event of fire. Use universal - type foams applied by manufacturer's recommended techniques for large fire. Use carbon dioxide or dry chemical for small fires.
c) Unusual Fire & Explosion Hazards : None



(6) HEALTH HAZARD

- a) Swallowing : May cause some nausea
- b) Skin Absorption : None currently known
- c) Eye Contact : Direct contact may cause eye irritation

(7) EMERGENCY AND FIRST AID PROCEDURES

- a) Swallowing : Obtain medical attention.
- b) Skin Contact : Wash contact areas thoroughly with soap & water.
- c) Eye contact : Flush with clean, fresh water for at least 10 minutes.
- d) Inhalation : No care anticipated. Remove to fresh air.
- e) In all cases of doubt, or where symptoms persist, seek medical attention.

(8) SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

This liquid is non-flammable. Major spills should be collected for reuse, or with non-combustible absorbent materials for disposal; Minor spills may be flushed to sewage if local regulations permit.

WASTE DISPOSAL METHOD: Incinerate in a furnace or bury in a landfill where permitted under appropriate government regulations.

(9) PROTECTION INFORMATION

- a) Respiratory Protection : None should be required under sufficient ventilation.
- b) Ventilation : General mechanical room ventilation is expected to be satisfactory.
- c) Protective Gloves : Recommended.
- d) Eye Protection : Safety glasses.
- e) Other Protective Equipment : Eye bath.

(10) HANDLING AND STORAGE

- a) Store in a cool, dry, well ventilated place and keep container tightly closed
- b) Must be protected from frost (>0°C) and extremes of temperature.
- c) Avoid contact with eyes, skin and clothing.
- d) Use with adequate ventilation.

No smoking, eating and drinking in the work area.

(11) STABILITY AND REACTIVITY



Stable and non-reactive. Only elevated temperature in the event of fire may cause hazardous decomposition of oxides of carbon and of nitrogen.

(12) TOXICOLOGICAL INFORMATION

No known experimental risk.

(13) ECOLOGICAL INFORMATION

No known specific data.

(14) TRANSPORT INFORMATION

No known restriction.

15. Regulatory information

National regulations :

The state department has announced the “Dangerous chemical goods safety management regulations” on 1987 February 17th, with specific concerns over the regulations of safety production, handling, storage, transportation, and loading/unloading. Relevant standards are:

16. Other information

Literature for reference:

“Chemicals toxicological regulations and environmental data handbook”, written by the National Environmental Agency’s toxic chemicals management office, and the Beijing Chemical Research Institute. Chinese Environmental Science Press 1992.

“Dangerous chemicals safety technology manuel”, by Zhou Kuo-tai. Chemical Industry Press 1997.

“International chemicals safety handbook”. Chemical Industry Press 1995.

“Solvents handbook”. Chemical Industry Press 1994.