

**MATERIAL SAFETY DATA SHEET****1. PRODUCT IDENTIFICATION**

PRODUCT NAME	Mesa Shield
PRODUCT CODE	MS 700
PRODUCT DESCRIPTION	Acrylic Exterior Emulsion Wall Paint

2. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	EMULSION POLYMER	MINERAL FILLER	ADDITIVE	WATER
% BY wt	< 35%	< 40%	< 10%	< 30%

3. HAZARDS IDENTIFICATION

NO CLASSIFIED

4. FIRST AID MEASURES

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.

5. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE / COLOUR	Viscous liquid with various colors
PERCENT VOLATILES	<50% (depends on colour)
SPECIFIC GRAVITY @ 25°C	1.35– 1.45 (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	

6. FIRE FIGHTING MEASURES

CLASSIFICATION	Not Combustible
*FLASH POINT	NA
*EXPLOSIVE LIMITS (% BY VOLUME)	-
LEL	NA
UEL	NA
FIRE EXTINGUISHING MEDIA	Foam, CO ₂ , Dry Powder, sand
FIRE FIGHTING PROCEDURES	Respiratory protection is required for fire fighting personnel. Do not breathe fumes. Stay upwind, if possible.
*properties of solvent used	



7. 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.

8. 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 vapors and contact with skin and eyes. Do not keep product for a long time (>2 years). Keep good house-keeping.

9. 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

10. 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

11. 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.

12. ECOLOGICAL INFORMATION

No ecological studies have been carried out on this product.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION (International Transport Regulations)

PROPER SHIPPING NAME	UN NO	CLASS	PACKING GROUP
Paint	1263	3	III
Additional Information			
ADR / RID		IMDG	
Hazard identification number: 30 Special provisions: 640E		Emergency schedules (EmS): F-E, S-E Marine pollutant: No.	



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15. REGULATORY INFORMATION

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

16. 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.

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