BERGER PAINTS BARBADOS LIMITED

P.O.BOX 218, BRANDONS, ST. MICHAEL

BRIDGETOWN BB12069, BARBADOS W.I

PH# (246) 425-9073 FAX# (246) 228-0866

1 – Product Identification

Product Name: **Magicote Flat Emulsion**
Product Description: Economy Latex
Product Code: 1019

2 – Hazards Identification

HMIS Rating: Health = 1 Flammability = 0 Reactivity = 0

2.1 Skin Contact
Contact may cause irritation.

2.2 Eye Contact
Direct contact may cause irritation.

2.3 Inhalation
Residual monomers vapours may be irritating respiratory tract producing symptoms of nausea and headache.

2.4 Ingestion
May cause pain and diarrhea.

3 - Composition

Component	CAS#	Concerntration%
Vinyl Veova Latex	Non Hazardous	**9**
Pigment Titanium Dioxide Magnum Fill Calcium Carbonate	 13463-67-7 471-34-1 1317-65-3	**30**
Coalescing Aid	25265-77-4	**<1**
Water		**51**
Fungicide/Algicide Tetramethylol acetate diurea (25-50%) Isothiazolone (< 2.5%) 3(3,4-dichlorophenyl)-1dimethylurea (20%)	 5395-50-6 55965-84-9 330-54-1	**<0.5**

Cabendazim (ISO) (9%) (2-Octyl-2H-isothiazol-3-one)	10605-21-7 26530-20-1	
Liquid Ammonia	1336-21-6	<0.2

4 – First Aid Measures

4.1 Skin Contact
Remove any contaminated clothing. Wash affected area with water for 15-20 minutes. Seek medical attention for developing any skin irritation.

4.2 Eye Contact
Flush eyes immediately with large amounts of water or normal saline solution for 15 minutes minimum. Occasionally lifting upper and lower eyelids to properly clean these areas. Continue washing until there is no chemical residue. Seek medical evaluation if irritation occurs.

4.3 Inhalation
Remove the affected person and move then to a place with fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician if the person has some of the above symptoms.

4.4 Ingestion
If the person is conscious, rinse mouth, drink 1 or 2 glasses of water to dilute the chemical in the stomach. If victim is drowsy or unconscious, put the person aside and keep the head sideways to avoid possible aspiration if vomiting. Consult a physician. Keep the person warm.

5 – Fire Fighting Measures

5.1 Stability
Stable product, will not autoignite under normal conditions.

5.2 Fire Fighting
Use water spray to cool fire exposed surfaces and to protect personnel. Isolate “fuel” supply from fire.
Use foam, dry chemical or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boilover.

5.3 Advice to Fire Fighters
Small Fires: Use manual fire extinguishers dry chemical or CO2 and avoid breathing the fumes from the material on fire.
Medium Fire: firefighters, use personal protective equipment including fire-protective clothing and respiratory protection. The fire is extinguished with CO2 or dry chemical. Use water fog to cool containers exposed to heat or fire.

6 – Accidental Release Measures

6.1 General Information
Identify the spilled material through the container label or the name of the fluid that should appear on the pipe. Evaluate the risks of spilled material by consulting this MSDS.
Use Personal Protective Equipment, if necessary. Isolate the area; deny entry to foreign personal or without wearing PPE.

6.2 Land Fill
If the material comes from a pipe, stop pumps, close valves and / or plug the hole or leak, if this leak comes from a container, plug the hole, if possible and find a mechanical aid to move the container so that the leak is at the top.
Always avoid contamination, limiting the trails with absorbent material or covering the entry points to drains or sumps to prevent the materials going to watercourses, surface water, groundwater or surface water bodies.

For spills greater than 200kg, contain spill by means of physical barriers absorbent material that can recover using pumps, diaphragm type or retrieve manually by shovel and spade. Ventilate the area by opening doors and windows. Package the material in the container (s) suitable packaging (s) for possible later retrieval.

For spills of less than 200Kg, limit the mess with absorbent material such as sand, fibres of polyethylene or polypropylene fabric or covering drains with polyethylene secured at its periphery with a rope of sand or other absorbent material that allows a good seal of the floor surface, retrieve it manually by shovel and spade. Package the material in the container (s) suitable (s) and properly label (s) for possible later retrieval.

7 – Handling and Storage

7.1 Storage Temperature
Ambient

7.2 Storage and Transport Pressure (mmHg)
Atmospheric

7.3 Handling
Note the minimum precautions when handling the product as washing hands and finished the work showering and washing clothes. Do not drink or food in the laboratory.

Storage

Store at temperatures between 5 and 25 ° C in places protected from the weather. The containers must remain closed to prevent the formation of cream and smooth.

8 – Exposure Controls/Personal Protection

8.1 Exposure Controls
Maintain areas well ventilated

8.2 Personal Protection
Respiratory Protection:
Not require any special protection

Ventilation:
General ventilation is required during normal use. Local ventilation may be required during certain operations to keep exposure levels of vapours and mists below the limits.

Protective Gloves/Clothing:
Use rubber gloves required. Wear protective clothing to prevent skin contact.

Eye Protection:
Where contact is likely, wear safety glasses with side shields

9 – Physical and Chemical Properties

Physical State	Liquid Suspension
Colour	White
Specific Gravity	1.3 – 1.4 Kg/L
Solidification Point	N/A

Boiling Point (Range)	100°C (212°F)
Freezing Point	0°C (32°F)
Flash Point	N/A
Ignition Temperature	N/A
Water Solubility	Negligible
Viscosity	80 – 85 KU (800 – 1000cps)
Odour	Very low sweet odour

10 – Stability and Reactivity

10.1 Stability
Stable

10.2 Reactivity
No data available

10.3 Hazardous Polymerization
Product will not undergo polymerization.

10.4 Incompatibility
Experience with workers' exposure has not evidenced any toxicity

10.5 Hazardous Decomposition Products
Thermal decomposition may produce acrylic or vinyl acetate monomer.

11 – Toxicological Information

Acute Toxicity – No Data
Chronic Toxicity – No Data
Ingestion – No Data
Lethal Dose – No Data

12 – Ecological Information

Ecotoxicity Data – No Data

13 – Disposal Considerations

Use non-leaking containers, seal tight and label properly. Dispose of in accordance with applicable local, county, state and federal regulations.

14 – Transportation Information

14.1 Hazard Class

Non-hazardous

14.2

15 – Regulatory Information

No Data

16 – Other Information

The information in this MSDS is given in good faith and to the best of our knowledge. It may not be valid for such material used in combinations with any other materials or in any process. No representation, warranty or guarantee is made due to its accuracy, reliability or complaints. We do not accept liability for any loss or damage that may occur from the use of this information.