



Material Safety Data Sheet

Revision Date: 24-Aug-2012

Revision Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MOORESTYLE INTERIOR ACRYLIC LATEX EGGSHELL FINISH
ULTRA BASE
Product Code K5654B
Product Class WATER THINNED PAINT
Color All

Manufacturer Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 201-573-9600
www.benjaminmoore.com

Emergency Telephone Number(s)
CANUTEC: 613-996-6666

2. COMPOSITION INFORMATION ON COMPONENTS

Hazardous Components

| Chemical Name | CAS-No | Weight % (max) |
|---|------------|----------------|
| Limestone | 1317-65-3 | 15 - 40% |
| Diatomaceous earth | 61790-53-2 | 3 - 7% |
| Propylene glycol | 57-55-6 | 1 - 5% |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | 0.5 - 1% |
| Acetic acid ethenyl ester | 108-05-4 | 0.1 - 0.25% |

3. HAZARDS IDENTIFICATION

Emergency Overview

Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis.

Appearance liquid

Odor little or no odor

Potential Health Effects

| | |
|-------------------------------------|---|
| Principal Routes of Exposure | Eye contact, skin contact and inhalation. |
| Acute Effects | |
| Eyes | May cause slight irritation. |
| Skin | Substance may cause slight skin irritation. |
| Inhalation | May cause irritation of respiratory tract. |
| Ingestion | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |
| Chronic Effects | Repeated contact may cause allergic reactions in very susceptible persons. |

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions None known

HMIS **Health:** 1* **Flammability:** 0 **Reactivity:** 0 **PPE:** -

HMIS Legend

- 0 - Minimal Hazard
- 1 - Slight Hazard
- 2 - Moderate Hazard
- 3 - Serious Hazard
- 4 - Severe Hazard
- * - Chronic Hazard
- X - Consult your supervisor or S.O.P. for "Special" handling instructions.

Note: The PPE rating has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

4. FIRST AID MEASURES

| | |
|---------------------------|---|
| General Advice | No hazards which require special first aid measures. |
| Eye Contact | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. |
| Skin Contact | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. |
| Inhalation | Move to fresh air. If symptoms persist, call a physician. |
| Ingestion | Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary. |
| Notes To Physician | Treat symptomatically |

5. FIRE-FIGHTING MEASURES

| | |
|-------------------------------------|---|
| Suitable Extinguishing Media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|-------------------------------------|---|

| | |
|--|--|
| Protective Equipment And Precautions For Firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |
| Specific Hazards Arising From The Chemical | Closed containers may rupture if exposed to fire or extreme heat. |
| Sensitivity To Mechanical Impact | No |
| Sensitivity To Static Discharge | No |
| Flash Point Data | |
| Flash Point (°F) | Not applicable |
| Flash Point (°C) | Not applicable |
| Flash Point Method | Not applicable |
| Flammability Limits In Air | |
| Upper Explosion Limit | Not applicable |
| Lower Explosion Limit | Not applicable |

NFPA **Health:** 1 **Flammability:** 0 **Instability:** 0 **Special:** Not Applicable

NFPA Legend

- 0 - Not Hazardous
- 1 - Slightly
- 2 - Moderate
- 3 - High
- 4 - Severe

*The ratings assigned are only suggested ratings, the contractor/employer has ultimate responsibilities for NFPA ratings where this system is used.
Additional information regarding the NFPA rating system is available from the National Fire Protection Agency (NFPA) at www.nfpa.org.*

6. ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------------|---|
| Personal Precautions | Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. |
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. |
| Methods For Clean-Up | Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. |
| Other Information | None known |

7. HANDLING AND STORAGE

| | |
|-----------------|--|
| Handling | Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. |
| Storage | Keep container tightly closed. Keep out of the reach of children. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits

Hazardous Components

| Chemical Name | ACGIH | Alberta | British Columbia | Ontario | Quebec |
|---|-------------------------------|--|--|---|--|
| Limestone | N/E | 10 mg/m ³ - TWA | 10 mg/m ³ - TWA 3 mg/m ³ - TWA 20 mg/m ³ - STEL | N/E | 10 mg/m ³ - TWAEV |
| Diatomaceous earth | N/E | 10 mg/m ³ - TWA 3 mg/m ³ - TWA | 1.5 mg/m ³ - TWA 4 mg/m ³ - TWA | 10 mg/m ³ - TWAEV containing no asbestos and less than 1% crystalline silica 3 mg/m ³ - TWAEV containing no asbestos and less than 1% crystalline silica | 6 mg/m ³ - TWAEV |
| Propylene glycol | N/E | N/E | N/E | 10 mg/m ³ - TWAEV for assessing the visibility in a work environment 155 mg/m ³ - TWAEV 50 ppm - TWAEV | N/E |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | N/E | N/E | N/E | N/E | N/E |
| Acetic acid ethenyl ester | 10 ppm - TWA 15 ppm - STEL | 10 ppm - TWA 35 mg/m ³ - TWA 15 ppm - STEL 53 mg/m ³ - STEL | 10 ppm - TWA 15 ppm - STEL | 10 ppm - TWAEV 15 ppm - STEV | 10 ppm - TWAEV 35 mg/m ³ - TWAEV 15 ppm - STEV 53 mg/m ³ - STEV |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
 Alberta - Alberta Occupational Exposure Limits
 British Columbia - British Columbia Occupational Exposure Limits
 Ontario - Ontario Occupational Exposure Limits
 Quebec - Quebec Occupational Exposure Limits
 N/E - Not established

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

Protective gloves and impervious clothing

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measures

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|-------------------|
| Appearance | liquid |
| Odor | little or no odor |
| Density (lbs/gal) | 10.15 - 10.25 |
| Specific Gravity | 1.21 - 1.23 |
| pH | Not available |
| Viscosity (centistokes) | Not available |
| Evaporation Rate | Not available |
| Vapor Pressure | Not available |
| Vapor Density | Not available |
| Wt. % Solids | 40 - 60 |
| Vol. % Solids | 30 - 50 |
| Wt. % Volatiles | 40 - 60 |
| Vol. % Volatiles | 50 - 70 |
| VOC Regulatory Limit (g/L) | < 150 |
| Boiling Point (°F) | 212 |
| Boiling Point (°C) | 100 |
| Freezing Point (°F) | 32 |
| Freezing Point (°C) | 0 |
| Flash Point (°F) | Not applicable |
| Flash Point (°C) | Not applicable |
| Flash Point Method | Not applicable |
| Upper Explosion Limit | Not available |
| Lower Explosion Limit | Not available |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Chemical Stability | Stable under normal conditions. |
| Conditions To Avoid | Prevent from freezing |
| Incompatible Materials | No materials to be especially mentioned |
| Hazardous Decomposition Products | None under normal use. |
| Possibility Of Hazardous Reactions | Hazardous polymerisation will not occur. |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product

No information available

Component

Limestone

LD50 Oral: 6,450 mg/kg (Rat) vendor data
Sensitization: No sensitizing effects known.

Propylene glycol

LD50 Oral: 20000 mg/kg (Rat)
LD50 Dermal: 20800 mg/kg (Rabbit)

Acetic acid ethenyl ester

LD50 Oral: 2900 mg/kg (Rat)
LD50 Dermal: 2335 mg/kg (Rabbit)
LC50 Inhalation (Vapor): 114000 mg/m³ (Rat, 4 hr.)

Chronic Toxicity

Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

| Chemical Name | ACGIH | IARC | NTP | OSHA Carcinogen |
|---|---|--------------------------------|------------|------------------------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | | 1 - Human Carcinogen | | |
| Acetic acid ethenyl ester | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans | 2B - Possible Human Carcinogen | | Listed |

Legend

ACGIH - American Conference of Governmental Industrial Hygienists
IARC - International Agency for Research on Cancer
NTP - National Toxicity Program
OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

12. ECOLOGICAL INFORMATION

Product

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No information available

Component

Acute Toxicity to Fish

Propylene glycol

LC50: 710 mg/L (Fathead Minnow - 96 hr.)

Acute Toxicity to Aquatic Invertebrates

Propylene glycol

EC50: > 10000 mg/L (Daphnia magna - 24 hr.)

Acute Toxicity to Aquatic Plants

No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of in accordance with federal, state, provincial, and local regulations. Dry, empty containers may be recycled in a can recycling program. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

14. TRANSPORT INFORMATION

TDG Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

United States TSCA Yes - All components are listed or exempt.

Canada DSL Yes - All components are listed or exempt.

15. REGULATORY INFORMATION

National Pollutant Release Inventory (NPRI)

NPRI Parts 1- 4

This product contains the following Parts 1-4 NPRI chemicals:

| <u>Chemical Name</u> | <u>CAS-No</u> | <u>Weight % (max)</u> |
|---------------------------|---------------|-----------------------|
| Propylene glycol | 57-55-6 | 1 - 5% |
| Acetic acid ethenyl ester | 108-05-4 | 0.1 - 0.25% |

This product may contain trace amounts of (other) NPRI Parts 1-4 reportable chemicals. Contact the preparer for further information.

NPRI Part 5

This product contains the following NPRI Part 5 Chemicals:

| <u>Chemical Name</u> | <u>CAS-No</u> | <u>Weight % (max)</u> |
|---------------------------|---------------|-----------------------|
| Acetic acid ethenyl ester | 108-05-4 | 0.1 - 0.25% |

This product may contain trace amounts of (other) NPRI Part 5 reportable chemicals. Contact the preparer for further information.

WHMIS Regulatory Status

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2A Very toxic materials



16. OTHER INFORMATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ http://www.hc-sc.gc.ca/iyh-vsv/prod/paint-peinture_e.html.

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Disclaimer

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K5654B

End of MSDS