

# SAFETY DATA SHEET

Revision Date: 09-Oct-2019 Revision Number: 5

# 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name FLOOR & PATIO LATEX ENAMEL LOW SHEEN COUNTRY

**REDWOOD** 

Product Code N12223
Alternate Product Code N12223

Product Class Water thinned paint

ColorRed brownRecommended usePaint

Restrictions on use No information available

Manufacturer Emergency Telephone

Benjamin Moore & Co. CHEMTREC (US): 800-424-9300
101 Paragon Drive CHEMTREC (outside US): (703)-527-3887
Montvale, NJ 07645

Phone: 1-866-708-9180 www.benjaminmoore.com

2. HAZARDS IDENTIFICATION

#### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### Label elements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Appearance liquid Odor little or no odor

# Hazards not otherwise classified (HNOC)

Not applicable

#### Other information

No information available

#### Other hazards

**CAUTION:** All floor coatings may become slippery when wet. Where non-skid characteristics are desired, use an appropriate anti-slip aggregate.

# 3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Barium sulfate	7727-43-7	15 - 20
Iron oxide	1309-37-1	1 - 5
Nepheline syenite	37244-96-5	1 - 5

# 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 while 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.

Most Important Symptoms/Effects None known.

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)

Revision Date: 09-Oct-2019

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)

Flash Point (°C)

Method

Not applicable

Not applicable

Revision Date: 09-Oct-2019

# Flammability Limits In Air

Lower flammability limit:

Upper flammability limit:

Not applicable
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.

**Other Information** Prevent further leakage or spillage if safe to do so.

**Environmental precautions** See Section 12 for additional Ecological Information.

Methods for Cleaning Up Soak up with inert absorbent material. Sweep up and shovel into suitable

containers for disposal.

# 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.

Incompatible Materials No information available

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

# **Exposure Limits**

Chemical name	ACGIH TLV	OSHA PEL
Barium sulfate	5 mg/m³ - TWA	15 mg/m³ - TWA
		5 mg/m³ - TWA
Iron oxide	5 mg/m <sup>3</sup> - TWA	10 mg/m³ - TWA
		15 mg/m³ - TWA Rouge
		5 mg/m³ - TWA Rouge

#### Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA - Occupational Safety & Health Administration Exposure Limits

Revision Date: 09-Oct-2019

N/E - Not Established

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

Odor Threshold No information available

 Density (lbs/gal)
 10.0 - 10.4

 Specific Gravity
 1.20 - 1.24

pH No information available
Viscosity (cps) No information available
Solubility(ies) No information available
Water solubility No information available
Evaporation Rate No information available
Vapor pressure No information available
Vapor density No information available

 Vapor density
 No inform

 Wt. % Solids
 40 - 50

 Vol. % Solids
 30 - 40

 Wt. % Volatiles
 50 - 60

 Vol. % Volatiles
 60 - 70

 VOC Regulatory Limit (g/L)
 <50</td>

 Politing Point (%E)
 212

Boiling Point (°F) 212
Boiling Point (°C) 100
Freezing point (°C) 32
Freezing Point (°C) 0

Flash point (°F)

Flash Point (°C)

Method

Flammability (solid, gas)

Upper flammability limit:

Not applicable

Not applicable

Not applicable

Lower flammability limit:

Autoignition Temperature (°F)

Autoignition Temperature (°C)

Decomposition Temperature (°F)

Decomposition Temperature (°C)

No information available

# 10. STABILITY AND REACTIVITY

Reactivity Not Applicable

Revision Date: 09-Oct-2019

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

None under normal conditions of use.

# 11. TOXICOLOGICAL INFORMATION

# **Product Information**

# Information on likely routes of exposure

**Principal Routes of Exposure** Eye contact, skin contact and inhalation.

**Acute Toxicity** 

Product Information No information available

# Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available

# Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Eye contact** May cause slight irritation.

**Skin contact** Substance may cause slight skin irritation. Prolonged or repeated contact may dry

skin and cause irritation.

**Inhalation** May cause irritation of respiratory tract.

**Ingestion** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Sensitization No information available No information available. **Neurological Effects Mutagenic Effects** No information available. **Reproductive Effects** No information available. No information available. **Developmental Effects** Target organ effects No information available. STOT - single exposure No information available. STOT - repeated exposure No information available. Other adverse effects No information available. No information available **Aspiration Hazard** 

# Numerical measures of toxicity

# The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 3212 mg/kg ATEmix (inhalation-dust/mist) 9.7 mg/L

# **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Iron oxide	> 10000 mg/kg (Rat)	-	-

Revision Date: 09-Oct-2019

1309-37-1		

# Carcinogenicity

There are no known carcinogenic chemicals in this product above reportable levels.

#### Legend

IARC - International Agency for Research on Cancer NTP - National Toxicity Program OSHA - Occupational Safety & Health Administration

# 12. ECOLOGICAL INFORMATION

# **Ecotoxicity Effects**

The environmental impact of this product has not been fully investigated.

# **Product Information**

# **Acute Toxicity to Fish**

No information available

#### **Acute Toxicity to Aquatic Invertebrates**

No information available

# **Acute Toxicity to Aquatic Plants**

No information available

# Persistence / Degradability

No information available.

#### **Bioaccumulation**

No information available.

# Mobility in Environmental Media

No information available.

#### **Ozone**

No information available

# **Component Information**

# **Acute Toxicity to Fish**

No information available

# **Acute Toxicity to Aquatic Invertebrates**

No information available

# **Acute Toxicity to Aquatic Plants**

No information available

# 13. DISPOSAL CONSIDERATIONS

#### **Waste Disposal Method**

Dispose of in accordance with federal, state, and local regulations. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

Revision Date: 09-Oct-2019

# 14. TRANSPORT INFORMATION

**DOT** Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

# 15. REGULATORY INFORMATION

# **International Inventories**

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

Yes - All components are listed or exempt.

# Federal Regulations

#### SARA 311/312 hazardous categorization

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS No.	<u>Weight-%</u>	CERCLA/SARA 313
			(de minimis concentration)
Barium sulfate	7727-43-7	15 - 20	1.0

#### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

None

# **US State Regulations**

# **California Proposition 65**

MARNING: Cancer and Reproductive Harm– www.P65warnings.ca.gov

Revision Date: 09-Oct-2019

# State Right-to-Know

Chemical name	Massachusetts	New Jersey	Pennsylvania
Barium sulfate	X	X	X
Iron oxide	X	X	X

#### Legend

X - Listed

# 16. OTHER INFORMATION

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.

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 contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

**Prepared By Product Stewardship Department** 

> Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645

800-225-5554

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#### Disclaimer

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Revision Date: 09-Oct-2019

federal, provincial, and local laws and regulations.

**End of Safety Data Sheet**