

Real Milk Paint

Issue Date: 12-Oct-2016

Revision Date: 22-Jun-2022

Version 2

Section 1. IDENTIFICATION

Product Identifier

Product Form: Substance
Substance Name: Milk Paint
SDS# MP
Synonyms: Paint, Non-toxic paint, Organic Paint
Use of the substance/mixture: Painting, covering, restoring porous surfaces

Name, Address and Telephone of the Responsible Party

Supplier Address:
 Real Milk Paint, LLC
 126 Commerce Dr.
 Hohenwald, TN 38462
www.realmilkpaint.com

Emergency Telephone Number

Chemtel 24 hours (within US only) 800-255-3924
 Chemtel 24 hours (outside continental US) 813-248-0585

Section 2. HAZARDS IDENTIFICATION

The product contains no substances which at their given concentration, combination, and formulation, are considered to be hazardous to health.

GHS-US classification:

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Each Real Milk Paint color may or may not contain various amounts of the listed ingredients. Some colors contain only single pigments and others contain various combinations of pigments. This table shows all possible ingredients that may be present in various colors.

Chemical Name	CAS No.	Weight - %	ACGIH / TLV	Substance Presenting Health Hazards (R/S-phrases)
Casein	9000-71-9	n/a	n/a	None
Hydrated Lime	1305-78-8	n/a	n/a	None
Proprietary Natural Filler	n/a	n/a	n/a	None
Iron Oxide Red	1309-37-1	>100	5mg/m3	None

Iron Oxide Black	1309-38-2	>100	5mg/m3	None
Iron Oxide Yellow	51274-00-1	>100	5mg/m3	None
Iron Oxide Ultra Marine Blue	57455-37-5	>100	5mg/m3	None
Iron Oxide Green Chrome III	1308-38-9	>100	5mg/m3	None
Iron Oxide Orange	1309-37-1 51274-00-1	>100	5mg/m3	None
Iron Oxide Brown	52357-70-7	>100	5mg/m3	None
Iron Oxide Sienna	1317-63-1	>100	5mg/m3	None
Titanium Dioxide (TiO ₂)	13463-67-7	>100	5mg/m3	None
Crystalline Silica	14808-60-7	>100	.025mg/m3	R49, R23, S22

Please note that Crystalline Silica is present by nature of extraction or creation of the pigments. It is not an added ingredient but naturally present in trace amounts in the various pigments used. The proprietary natural filler is an edible plant-based substance.

Section 4. FIRST AID MEASURES

First Aid Measures

- General Advice:** Provide this SDS to medical personnel for treatment.
- Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact:** Wash off with plenty of water and soap.
- Inhalation:** Remove to fresh air.
- Ingestion:** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects

- Symptoms:** Direct contact with eyes may cause temporary irritation. May cause discomfort if swallowed. Skin may feel dry.

Indication of any Immediate Medical Attention and Special Treatment Needed

- Notes to Physician:** Treat symptomatically

Section 5. FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Extinguish with the following media: Water spray, foam, dry powder or carbon dioxide.

Specific Hazards Arising from the Chemical: None known from information supplied.

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.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: If dust is generated use appropriate respiratory protection. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.

Methods and Material for Containment and Cleanup

Methods for Containment: Prevent further leakage or spillage if safe to do so. Sweep or vacuum copious amounts of material into suitable container. Wipe up excess spill with wet/damp cloth or rag, wiping up until all media is removed from surface.

Methods for Clean Up: Collect and place material into suitable containers for disposal and seal securely. Wash rags and contaminated area thoroughly avoiding runoff into storm sewers and ditches which lead to waterways. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. For waste disposal, see Section 13 of the SDS.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Avoid contact with skin, eyes or clothing. Avoid excessive dust in work area and ensure adequate ventilation.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Store away from heat, sparks, flame. Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of reach of children.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

The following information is given as general guidance

Appropriate Engineering Controls

Engineering Controls: Ensure adequate ventilation in workplace - especially in confined areas. Evaluate degree of exposure and apply appropriate PPE as necessary. Keep emergency eye wash supplies available.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection:	Splash goggles or safety goggles
Skin and Body Protection:	Wear protective gloves and other garments appropriate to exposure
Respiratory Protection:	NIOSH approved dust respirator
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State:	Powder	Odor:	Earthy
Appearance:	Colored Powder	Odor Threshold:	Not Determined
Color:	N/A		

Property	Values	Remarks / Methods
pH	Not Determined	
Melting Point/Freezing Point	N/A	
Boiling Point/Boiling Range	N/A	
Flash Point	Non-Combustible	
Evaporation Rate	N/A	
Flammability (solid,gas)	Non-flammable	
Upper Flammability Limits	N/A	
Lower Flammability Limits	N/A	
Vapor Pressure	Not Determined	
Specific Gravity	Not Determined	
Water Solubility	Soluble in Water	
Solubility in Other Solvents	Not Determined	
Partition Coefficient	Not Determined	
Autoignition Temperature	Non-Combustible	
Decomposition Temperature	Not Determined	
Kinematic Viscosity	Not Determined	
Dynamic Viscosity	Not Determined	
Explosive Properties	Non-Combustible	
Oxidizing Properties	Not Determined	
Density	Not Determined	

Section 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	None under normal processing.
Conditions to Avoid:	Keep out of reach of children.
Incompatible Materials:	None known based on information supplied.
Hazardous Decomposition Products:	Carbon dioxide.

Section 11. TOXICOLOGICAL INFORMATION**Information on likely Routes of Exposure****Product Information**

Eye Contact:	Direct contact with eyes may cause temporary irritation.
Skin:	Direct contact with skin may cause temporary irritation and/or dryness.
Inhalation:	Avoid breathing vapors.
Ingestion:	May cause discomfort if swallowed.

Information on Physical, Chemical, and Toxicological Effects

Symptoms:	Please see section 4 of this SDS for symptoms.
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Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Short Term Effects:	Based upon the composition and reports based upon similar products there are no negative effects to be expected.
Long Term Effects:	Based upon the composition and reports based upon similar products there are no negative effects to be expected.
Numerical Measures of Toxicity:	Not Determined
Carcinogenicity:	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Persistence/Degradability:	Readily Biodegradable
Bioaccumulation:	None known based on information supplied.
Motility:	None known based on information supplied.
Other Adverse Effects:	None known based on information supplied.

Section 13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes:	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14. TRANSPORT INFORMATION

Note: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

Classification for Land transport (DOT): Not regulated for transport

Classification for SEA transport (IMO-IMDG): Not regulated for transport

Classification for AIR transport (IATA/ICAO): Not regulated for transport

Transport in bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code:

Consult IMO regulations before transporting ocean bulk

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15. REGULATORY INFORMATION

International Inventories: Not Determined

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINE CS/E LINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

U.S. Federal Regulations:

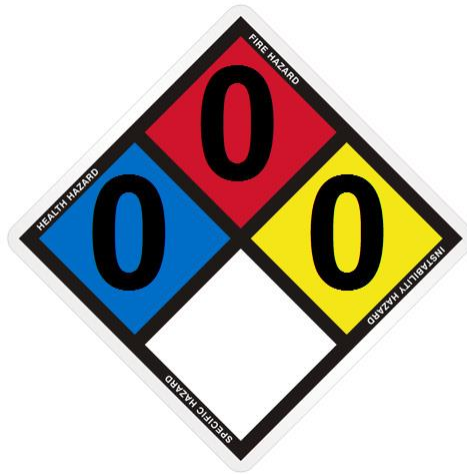
SARA 313: Not Determined

U.S. State Regulations:

U.S. State Right-to-Know Regulations: Not Determined

Section 16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	0	0	0	Not Determined
HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
	0	0	0	Not Determined



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Revision Note: Ingredient Clarification

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of this publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The Real Milk Paint Co. assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, The Real Milk Paint Co. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

End of Safety Data Sheet