

SAFETY DATA SHEET

Revision Date: 12-Jan-2021

Revision Number: 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Product Code Alternate Product Code Product Class Color Recommended use Restrictions on use

Manufacturer Benjamin Moore & Co. 101 Paragon Drive Montvale, NJ 07645 Phone: 1-866-708-9180 www.benjaminmoore.com

SUPER HIDE LATEX SEMI-GLOSS ENAMEL LINEN WHITE 28370

28370 Water thinned paint Light cream White Paint No information available

> Emergency Telephone CHEMTREC: +1 703-741-5970 / 1-800-424-9300 +1 703-527-3887 (outside US & Canada)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Reproductive toxicit	y Cat	egoi	ry :	2	

Label elements

Warning Hazard statements Suspected of damaging fertility or the unborn child

Appearance liquid

Odor little or no odor

Precautionary Statements - Prevention

Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

No information available

WARNING: This product contains isothiazolinone compounds at levels of <0.1%. These substances are biocides commonly found in most paints and a variety of personal care products as a preservative. Certain individuals may be sensitive or allergic to these substances, even at low levels.

3. COMPOSITION INFORMATION ON COMPONENTS

Chemical name	CAS No.	Weight-%
Titanium dioxide	13463-67-7	15 - 20
Kaolin	1332-58-7	1 - 5
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	25265-77-4	1 - 5
Propylene glycol	57-55-6	1 - 5
Ammonia	7664-41-7	0.1 - 0.5
Trimethylolpropane	77-99-6	0.1 - 0.5

	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	None known.

Symptoms/Effects				
Notes To Physician	Treat symptomatically.			
	5. FIRE-FIGHT	ING MEASURES	5	
Suitable Extinguishing Media			easures that are appropriate to local e 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 impac	t	No		
Sensitivity to static discharge		No		
Flash Point Data Flash point (°F) Flash Point (°C) Method		Not applicable Not applicable Not applicable		
Flammability Limits In Air				
Lower flammability limit: Upper flammability limit:		Not applicable Not applicable		
NFPA Health: 2	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. EXF	POSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL
Titanium dioxide	TWA: 10 mg/m ³	15 mg/m³ - TWA
Kaolin	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	15 mg/m³ - TWA 5 mg/m³ - TWA
Ammonia	STEL: 35 ppm TWA: 25 ppm	50 ppm - TWA 35 mg/m³ - TWA

Legend

ACGIH - American Conference of Governmental Industrial Hygienists Exposure Limits OSHA - Occupational Safety & Health Administration Exposure Limits N/E - Not Established

Engineering Measures	Ensure adequate ventilation, especially in confined areas.	
Personal Protective Equipment Eye/Face Protection Skin Protection Respiratory Protection	Safety glasses with side-shields. Protective gloves and impervious clothing. 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

Wt. % Solids 35 - 45

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Vol. % Solids	20 - 30
Wt. % Volatiles	55 - 65
Vol. % Volatiles	70 - 80
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
Method	Not applicable
Flammability (solid, gas)	Not applicable
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Autoignition Temperature (°F)	No information available
Autoignition Temperature (°C)	No information available
Decomposition Temperature (°F)	No information available
Decomposition Temperature (°C)	No information available
Partition coefficient	No information available

10. STABILITY AND REACTIVITY

Reactivity	Not Applicable
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
Neurological Effects	No information available.
Mutagenic Effects	No information available.
Reproductive Effects	Possible risk of impaired fertility. Possible risk of harm to the unborn child.
Developmental Effects	No information available.
Target organ effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Other adverse effects	No information available.
Aspiration Hazard	No information available

Numerical measures of toxicity

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

ATEmix (oral)	46374 mg/kg
ATEmix (dermal)	730800 mg/kg
ATEmix (inhalation-dust/mist)	339.3 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)	-	-
Kaolin 1332-58-7	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol 25265-77-4	= 3200 mg/kg (Rat)	> 15200 mg/kg (Rat)	-
Propylene glycol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Ammonia 7664-41-7	= 350 mg/kg (Rat)	-	= 2000 ppm (Rat)4 h
Trimethylolpropane 77-99-6	= 14100 mg/kg (Rat) = 14000 mg/kg (Rat)	-	> 0.29 mg/L (Rat)4 h

Chronic Toxicity

Carcinogenicity

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

Chemical name	IARC	NTP	OSHA
	2B - Possible Human		Listed
Titanium dioxide	Carcinogen		

• Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

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

There is no data for this product.

Mobility in Environmental Media

No information available.

<u>Ozone</u>

No information available

Component Information

Acute Toxicity to Fish

<u>Titanium dioxide</u> LC50: > 1000 mg/L (Fathead Minnow - 96 hr.) <u>Propylene glycol</u> 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, and local regulations. Local

requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal options.

	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.
DSL: Canada	Yes - All components are listed or exempt.

Federal Regulations

SARA 311/312 hazardous categorization

Acute health hazard	No
Chronic Health Hazard	Yes
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:

None

<u>Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)</u> This product contains the following HAPs:

None

US State Regulations

California Proposition 65

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

State Right-to-Know

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Chemical name	Massachusetts	New Jersey	Pennsylvania
Titanium dioxide	Х	Х	Х
Kaolin	Х	Х	Х

Legend

X - Listed

16. OTHER INFORMATION

HMIS - Health: 2* 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.

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Disclaimer

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End of Safety Data Sheet