



SAFETY DATA SHEET

Issuing Date 25-Nov-2015

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Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name STUDIO FINISHES LATEX METALLIC GLAZE GOLD
Product Code 62010
Product List 62010 I
Product Class WATER THINNED PAINT
Color Gold
Recommended use Paint
Restrictions on use No information available

Manufacturer
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
Phone: 855-724-6802
www.benjaminmoore.com

Only Representative (OR)
ITS Testing Services (UK) Ltd.
Bainbridge House
86-90 London Road
Manchester
United Kingdom
M1 2PW
e-mail: ies01.reach@intertek.com

Emergency Telephone Number(s)
CHEMTREC:
+1-703-527-3887 (INTERNATIONAL)
1-800-424-9300 (NORTH AMERICA)

Section 2: HAZARDS IDENTIFICATION

2.1.

REGULATION (EC) No 1272/2008
Classification not possible

2.2.

Product Identifier
Classification not possible
Signal word
None

2.3.

General Hazards No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2 Mixtures

Chemical Name	EINECS/ELINCS No.	CAS-No	Weight % (max)	EU - GHS Substance Classification	REACH No.
Propylene glycol	200-338-0	57-55-6	10		Not available
Titanium dioxide	236-675-5	13463-67-7	5		Not available
Iron oxide	215-168-2	1309-37-1	1		Not available

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1.

Description of 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.

4.2.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects

None known

4.3.

Indication of any immediate medical attention and special treatment needed

Notes To Physician

Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1.

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

No information available.

5.2.

Specific Hazards Arising From The Chemical

Closed containers may rupture if exposed to fire or extreme heat.

Sensitivity To Static Discharge

No.

Sensitivity To Mechanical Impact

No.

5.3.

Protective Equipment And Precautions For Firefighters

Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1.

Personal Precautions

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

Other Information

Observe all relevant local and international regulations.

6.2.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

6.3.

Methods For Containment

Absorb with inert material and place in suitable container for disposal.

Methods For Clean-Up

Clean contaminated surface thoroughly.

6.4.

Other information

See Section 12 for additional information.

Section 7: HANDLING AND STORAGE

7.1.

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.

Hygiene Measures

Wash thoroughly after handling.

7.2.

Storage

Keep container tightly closed. Keep out of the reach of children.

7.3.

Specific Uses

Architectural coating. Apply as directed. Refer to product label / literature for specific instructions.

Risk Management Methods (RMM)

Not Applicable.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1.

Exposure limits

Chemical Name	EU	United Kingdom	Belgium	Bulgaria	Cyprus	Greece
Propylene glycol 57-55-6		TWA: 10 mg/m ³ TWA: 150 ppm TWA: 474 mg/m ³ STEL: 1422 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm				
Titanium dioxide 13463-67-7		TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	TWA: 10 mg/m ³	TWA: 10.0 mg/m ³		TWA: 10 mg/m ³ TWA: 5 mg/m ³
Iron oxide 1309-37-1		TWA: 10 mg/m ³ TWA: 4 mg/m ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³ STEL: 12 mg/m ³ STEL: 30 mg/m ³	TWA: 2 ppm TWA: 5 mg/m ³	TWA: 5.0 mg/m ³ TWA: 6.0 mg/m ³		STEL: 10 mg/m ³ STEL: 2 mg/m ³

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Propylene glycol 57-55-6 (9)	TWA: 150 ppm TWA: 470 mg/m ³ TWA: 10 mg/m ³	TWA: 7 mg/m ³	IPRV: 7 mg/m ³			
Titanium dioxide 13463-67-7 (2)	TWA: 10 mg/m ³ TWA: 4 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³	TWA: 10.0 mg/m ³ STEL: 30 mg/m ³	TWA: 10 mg/m ³ STEL: 15 mg/m ³	TWA: 10 mg/m ³
Iron oxide 1309-37-1 (1)	STEL: 10 mg/m ³		IPRV: 3.5 mg/m ³	NDS: 5 mg/m ³ NDSch: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	VLA-ED: 5 mg/m ³

8.2.

Occupational exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Eye Protection

Safety glasses with side-shields.

Skin Protection

Lightweight protective clothing.

Hand protection

Impervious gloves.

Hygiene Measures

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1.

Appearance	liquid
Odor	little or no odor
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
Density (g/L)	1114 - 1126	None known
Relative Density	1.11 - 1.13	None known
pH	No information available	None known
Viscosity (cps)	No information available	None known
Solubility	No information available	None known
Water Solubility	No information available	None known
Evaporation Rate	No information available	None known
Vapor Pressure	No information available	None known
Vapor Density	No information available	None known
Wt. % Solids	0 - 5	None known
Vol. % Solids	0 - 5	None known
Wt. % Volatiles	95 - 100	None known
Vol. % Volatiles	95 - 100	None known
VOC Regulatory Limit (g/L)	< 350	None known
Boiling Point (°C)	100	None known
Freezing Point (°C)	0	None known
Melting Point (°C)	No information available	None known
Flash Point (°C)	Not applicable	None known
Flammability (solid, gas)	No information available	None known
Upper Explosion Limit	No information available	None known
Lower Explosion Limit	No information available	None known
Autoignition Temperature (°C)	No information available	None known
Decomposition Temperature (°C)	No information available	None known
Partition Coefficient (n-octanol/water)	No information available	None known
Explosive properties	No information available	None known
Oxidizing Properties	No information available	None known

Section 10: STABILITY AND REACTIVITY**10.1.**

Reactivity Not Applicable.

10.2.

Chemical Stability

Stable under normal conditions.

10.3.

Possibility Of Hazardous Reactions

None under normal conditions of use.

10.4.

Conditions To Avoid

Prevent from freezing.

10.5.

Incompatible Materials

No materials to be especially mentioned.

10.6.**Hazardous Decomposition Products**

None under normal use.

Section 11: TOXICOLOGICAL INFORMATION**11.1.****Product Information**

Inhalation	There is no data available for this product.
Eye contact	There is no data available for this product.
Skin contact	There is no data available for this product.
Ingestion	There is no data available for this product.

Acute Toxicity**Component**

Chemical Name	LD50 Oral:	LD50 Dermal:	LC50 Inhalation:
Propylene glycol 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	
Titanium dioxide 13463-67-7	> 10000 mg/kg (Rat)		
Iron oxide 1309-37-1	> 10000 mg/kg (Rat)		

Skin corrosion/irritation No information available.**Eye damage/irritation** No information available.**Sensitization:** No sensitizing effects known.**Mutagenic Effects** No information available.**Carcinogenic effects**

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

Chemical Name	EU Annex I Carcinogen Information	IARC
Titanium dioxide 13463-67-7		2B - Possible Human 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."

IARC - International Agency for Research on Cancer

Reproductive Effects No information available.**Developmental Effects** No information available.

STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Neurological Effects	No information available.
Target Organ Effects	No information available.
Symptoms	No information available.
Aspiration Hazard	No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Freshwater Algae Data	Freshwater Fish Species Data	Water Flea Data
Propylene glycol 57-55-6		LC50 = 51600 mg/L Oncorhynchus mykiss (96 h) LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h) LC50 = 51400 mg/L Pimephales promelas (96 h) LC50 = 710 mg/L Pimephales promelas (96 h)	EC50 > 1000 mg/L (48 h)

12.2.

Persistence / Degradability	No information available.
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12.3.

Bioaccumulation / Accumulation	No information available.
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12.4.

Mobility in soil	No information available.
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Mobility in Environmental Media	No information available.
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12.5.

PBT and vPvB assessment	No information available.
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12.6.

Other adverse effects	No information available
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Section 13: DISPOSAL CONSIDERATIONS

13.1.

Waste from Residues/Unused Products	Dispose of in accordance with the European Directives on waste and hazardous waste.
Contaminated Packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
EWC waste disposal No	No information available
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION

IMDG / IMO	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated
IATA	Not regulated

Section 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Occupational Illnesses (R-463-3, France)**

Chemical Name	French RG number
Propylene glycol 57-55-6	RG 84
Iron oxide 1309-37-1	RG 44 RG 44bis RG 94

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work **text to appear**

International Inventories

AICS: Australia	No - Not all of the components are listed.
DSL: Canada	No - Not all of the components are listed. One or more component is listed on NDSL.
EINECS: European Union	No - Not all of the components are listed.
ENCS : Japan	No - Not all of the components are listed.
IECS : China	No - Not all of the components are listed.
KECL: South Korea	No - Not all of the components are listed.
PICCS: Philippines	No - Not all of the components are listed.
TSCA: United States	Yes - All components are listed or exempt.

Legend

AICS - Australian Inventory of Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
IECSC - China Inventory of Existing Chemical Substances
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

15.2.

Chemical Safety Report

No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3

Not applicable

Classification procedure:

Expert judgment and weight of evidence determination

Key literature references and sources for data

Data from internal and external sources

Prepared By

Product Stewardship Department
Benjamin Moore & Co.
101 Paragon Drive
Montvale, NJ 07645
855-724-6802

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Revision Summary

Change to Format

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End of Safety Data Sheet