

SAFETY DATA SHEET

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

Product Name STUDIO FINISHES LATEX METALLIC GLAZE COPPER
Product Code 62040
Product List 62040 H
Product Class WATER THINNED PAINT
Color Copper
Recommended use Paint
Restrictions on use No information available

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Section 2: HAZARDS IDENTIFICATION

2.1.

REGULATION (EC) No 1272/2008

Specific target organ toxicity - repeated exposure

Category 2 - (H373)

2.2.

Product Identifier



Contains Stoddard solvent

Signal word

Warning

Hazard statements

H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary Statements - EU (§28, 1272/2008)

P260 - Do not breathe dust/fume/gas/mist/vapors/spray
 P314 - Get medical advice/attention if you feel unwell
 P501 - Dispose of contents/ container to industrial incineration plant

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
Silica, mica	-	12001-26-2	5		Not available
Stoddard solvent	232-489-3	8052-41-3	5	STOT RE 1 (H372) Asp. Tox. 1 (H304)	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 Drowsiness, Dizziness

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				
Silica, mica 12001-26-2		TWA: 0.8 mg/m ³ TWA: 10 mg/m ³ STEL: 2.4 mg/m ³ STEL: 30 mg/m ³	TWA: 3 mg/m ³	TWA: 3.0 mg/m ³ TWA: 6.0 mg/m ³		
Stoddard solvent 8052-41-3			TWA: 100 ppm TWA: 533 mg/m ³			TWA: 100 ppm TWA: 575 mg/m ³ STEL: 125 ppm STEL: 720 mg/m ³

Component	Ireland	Latvia	Lithuania	Poland	Romania	Spain
Propylene glycol 57-55-6 (8.923)	TWA: 150 ppm TWA: 470 mg/m ³ TWA: 10 mg/m ³	TWA: 7 mg/m ³	IPRV: 7 mg/m ³			
Silica, mica 12001-26-2 (4.952)	TWA: 10 mg/m ³ TWA: 0.8 mg/m ³				TWA: 3 mg/m ³	VLA-ED: 3 mg/m ³
Stoddard solvent 8052-41-3 (2.971)	TWA: 100 ppm TWA: 573 mg/m ³		IPRV: 300 mg/m ³ IPRV: 50 ppm TPRV: 100 ppm TPRV: 600 mg/m ³	NDS: 300 mg/m ³ NDSCh: 900 mg/m ³	TWA: 700 mg/m ³ STEL: 1000 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)	1078 - 1120	None known
Relative Density	1.07 - 1.12	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

<u>10.1.</u>	
Reactivity	Not Applicable.
<u>10.2.</u>	

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)	
Stoddard solvent 8052-41-3	500		

Skin corrosion/irritation No information available.

Eye damage/irritation No information available.

Sensitization: No sensitizing effects known.

Mutagenic Effects No information available.

Carcinogenic effects

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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	May cause disorder and damage to the: Central nervous system (CNS).
Neurological Effects	No information available.
Target Organ Effects	Central nervous system (CNS).
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.

12.3.

Bioaccumulation / Accumulation No information available.

12.4.

Mobility in soil No information available.

Mobility in Environmental Media No information available.

12.5.

PBT and vPvB assessment No information available.

12.6.

Other adverse effects

No information available

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
Silica, mica 12001-26-2	RG 25
Stoddard solvent 8052-41-3	RG 84

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

Yes - All components are listed or exempt.

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/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
IECS - 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

H372 - Causes damage to organs through prolonged or repeated exposure if inhaled
H304 - May be fatal if swallowed and enters airways

Classification procedure:	Expert judgment and weight of evidence determination
Key literature references and sources for data	Data from internal and external sources
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End of Safety Data Sheet