SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date 19-Dec-2019 **Revision Date:** 19-Dec-2019 **Revision Number:** 1

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

Product Name	**ROSCO PREMIER CLEAR SATIN**
Product Code	**RF6820**
Alternate Product Code	XY7410
Product Class	Water thinned paint
Color	Clear
Recommended use	Paint
Restrictions on use	No information available

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Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Reproductive toxicity	Category 1B - (H360)

2.2. Label elements

Product Identifier

Contains Diethylene glycol monomethyl ether, 1-Methyl-2-pyrrolidinone
Signal word
Danger

Hazard statements
H360D - May damage the unborn child

Precautionary Statements - EU (§28, 1272/2008)
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313 - IF exposed or concerned: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container to industrial incineration plant

2.3. Other hazards

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-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number
Diethylene glycol monomethyl ether	203-906-6	111-77-3	>=1 - <5	Repr. 2 (H361d)	Not available
Propylene glycol	200-338-0	57-55-6	>=1 - <5	Not available	01-2119456809-23-0224
1-Methyl-2-pyrrolidinone	212-828-1	872-50-4	>=1 - <5	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Repr. 1B (H360D) STOT SE 3 (H335)	Not available
Ammonia	231-635-3	7664-41-7	>=0.1 - <0.3	Press. Gas Flam. Gas 2 (H221) Acute Tox. 3 (H331) Skin Corr. 1B (H314) STOT SE 3 (H335) Aquatic Acute 1 (H400)	Not available

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

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical name	CAS No.	SVHC candidates

1-Methyl-2-pyrrolidinone	872-50-4	Listed
Poly(oxy-1,2-ethanediyl), a-(nonylphenyl)-w-hydroxy-, branched	68412-54-4	Listed

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Description of first aid measures

General Advice — If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

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.

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. Extinguishing media

Suitable Extinguishing Media — Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media — No information available.

5.2. Special hazards arising from the substance or mixture

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. Advice for firefighters

Protective equipment and precautions for firefighters Wear self-contained breathing apparatus and protective suit.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

Environmental precautions Prevent spreading of vapors through sewers, ventilation systems and confined areas.

6.3. Methods and material for containment and cleaning up

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

Methods for Cleaning Up Clean contaminated surface thoroughly.

6.4. Reference to other sections

Other information See Section 12 for additional information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

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. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

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. Control parameters

Chemical name	European Union	Belgium	Bulgaria	Cyprus	France	Ireland
Diethylene glycol	TWA: 10 ppm	TWA: 10 ppm	TWA: 10 ppm	TWA: 10 ppm	TWA: 10 ppm	TWA: 10 ppm

monomethyl ether 111-77-3	TWA: 50.1 mg/m³ *	TWA: 50.1 mg/m³ skin	TWA: 50.1 mg/m³ S*	TWA: 50.1 mg/m³ S*	TWA: 50.1 mg/m³ *	TWA: 50.1 mg/m³ STEL: 30 ppm STEL: 150.3 mg/m³ Sk*
Propylene glycol 57-55-6	-	-	-	-	-	TWA: 10 mg/m³ TWA: 150 ppm TWA: 470 mg/m³ STEL: 1410 mg/m³ STEL: 30 mg/m³ STEL: 450 ppm
1-Methyl-2-pyrrolidinone 872-50-4	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ *	STEL: 20 ppm STEL: 80 mg/m³ TWA: 10 ppm TWA: 40 mg/m³ skin	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ S*	TWA: 40 mg/m³ TWA: 10 ppm STEL: 80 mg/m³ STEL: 20 ppm S*	TWA: 40 mg/m³ TWA: 10 ppm STEL: 80 mg/m³ STEL: 20 ppm *	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ Sk*

Chemical name	Germany	Greece	Hungary	Iceland	Italy	Latvia
Diethylene glycol monomethyl ether 111-77-3	TWA: 10 ppm TWA: 50 mg/m³ H*	TWA: 10 ppm TWA: 50.1 mg/m³ S*	TWA: 50.1 mg/m³	10 ppm TWA 50.1 mg/m³ TWA Skin	TWA: 10 ppm TWA: 50.1 mg/m³ pelle*	TWA: 10 ppm TWA: 50.1 mg/m³ S*
Propylene glycol 57-55-6	-	-	-	-	-	TWA: 7 mg/m³
1-Methyl-2-pyrrolidinone 872-50-4	TWA: 20 ppm TWA: 82 mg/m³ H*	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ S*	STEL: 80 mg/m³ TWA: 40 mg/m³ potential for cutaneous absorption	10 ppm TWA 40 mg/m³ TWA 20 ppm STEL 80 mg/m³ STEL	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ pelle*	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ S*

Chemical name	Lithuania	Netherlands	Poland	Romania	Spain	Sweden	United Kingdom
Diethylene glycol monomethyl ether 111-77-3	TWA: 10 ppm TWA: 50.1 mg/m³ S*	TWA: 45 mg/m³ H*	TWA: 50 mg/m³	TWA: 10 ppm TWA: 50.1 mg/m³ S*	TWA: 10 ppm TWA: 50.1 mg/m³ vía dérmica*	TLV: 10 ppm TLV: 50 mg/m³ skin	TWA: 10 ppm TWA: 50.1 mg/m³ STEL: 30 ppm STEL: 150.3 mg/m³ Sk*
Propylene glycol 57-55-6	TWA: 7 mg/m³	-	TWA: 100 mg/m³	-	-	-	TWA: 150 ppm TWA: 474 mg/m³ TWA: 10 mg/m³ STEL: 450 ppm STEL: 1422 mg/m³ STEL: 30 mg/m³
1-Methyl-2-pyrrolidinone 872-50-4	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ S*	TWA: 40 mg/m³ STEL: 80 mg/m³ H*	STEL: 80 mg/m³ TWA: 40 mg/m³	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ S*	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ vía dérmica*	TLV: 10 ppm TLV: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ skin	TWA: 10 ppm TWA: 40 mg/m³ STEL: 20 ppm STEL: 80 mg/m³ Sk*

8.2. Exposure controls

Occupational exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Respiratory Protection In operations where exposure limits are exceeded, use a NIOSH approved respirator that has been selected by a technically qualified person for the specific work conditions. When spraying the product or applying in confined areas, wear a NIOSH approved respirator specified for paint spray or organic vapors.

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. Information on basic physical and chemical properties

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

Property	Values	Remarks/ Method
Density (g/L)	1024 - 1036	None known
Relative Density	1.02 - 1.04	
pH	No information available	None known
Viscosity (cps)	No information available	None known
Solubility(ies)	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	25 - 35	None known
Vol. % Solids	20 - 30	None known
Wt. % Volatiles	65 - 75	None known
Vol. % Volatiles	70 - 80	None known
Boiling Point (°C)	100	None known
Freezing Point (°C)	0	None known
Melting Point (°C)	No information available	None known
Pour Point	No information available	None known
Flash Point (°C)	Not applicable	None known
Flammability (solid, gas)	No information available	None known
Upper flammability limit:	No information available	None known
Lower flammability limit:	No information available	None known
Autoignition Temperature (°C)	No information available	None known
Decomposition Temperature (°C)	No information available	None known
Partition coefficient	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

Reactivity Not Applicable.

10.2. Chemical stability

Chemical Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal conditions of use.

10.4. Conditions to avoid

Conditions to avoid Prevent from freezing.

10.5. Incompatible materials

Incompatible Materials No materials to be especially mentioned.

10.6. Hazardous decomposition products

Hazardous Decomposition Products None under normal conditions of use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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

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

ATEmix (dermal) 12,883.90 mg/kg
ATEmix (inhalation-dust/mist) 110.99 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol monomethyl ether 111-77-3	= 4 mL/kg (Rat)	= 650 mg/kg (Rabbit) = 2500 µL/kg (Rabbit)	
Propylene glycol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	
1-Methyl-2-pyrrolidinone 872-50-4	= 3914 mg/kg (Rat)	= 8 g/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h
Ammonia 7664-41-7	= 350 mg/kg (Rat)		= 2000 ppm (Rat) 4 h

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.

Reproductive Effects May damage fertility or the unborn child.

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	Algae/aquatic plants	Fish	Crustacea
Diethylene glycol monomethyl ether 111-77-3	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: =5741mg/L (96h, Pimephales promelas) LC50: =7500mg/L (96h, Lepomis macrochirus)	EC50: >500mg/L (48h, Daphnia magna)
Propylene glycol 57-55-6	EC50: =19000mg/L (96h, Pseudokirchneriella subcapitata)	LC50 41 - 47 mL/L Oncorhynchus mykiss (96 h) LC50 = 710 mg/L Pimephales promelas (96 h) LC50 = 51600 mg/L Oncorhynchus mykiss (96 h) LC50 = 51400 mg/L Pimephales promelas (96 h)	EC50 > 1000 mg/L (48 h) EC50 > 10000 mg/L (24 h)
1-Methyl-2-pyrrolidinone 872-50-4	EC50: >500mg/L (72h, Desmodesmus subspicatus)	LC50: =1072mg/L (96h, Pimephales promelas) LC50: =1400mg/L (96h, Poecilia reticulata) LC50: =4000mg/L (96h, Leuciscus idus) LC50: =832mg/L (96h, Lepomis macrochirus)	EC50: =4897mg/L (48h, Daphnia magna)
Ammonia 7664-41-7		LC50: 0.26 - 4.6mg/L (96h, Lepomis macrochirus) LC50: 0.73 - 2.35mg/L (96h, Pimephales promelas) LC50: =0.44mg/L (96h, Cyprinus carpio) LC50: =1.17mg/L (96h, Lepomis macrochirus) LC50: =1.19mg/L (96h, Poecilia reticulata) LC50: =5.9mg/L (96h, Pimephales promelas) LC50: >1.5mg/L (96h, Poecilia reticulata)	LC50: =25.4mg/L (48h, Daphnia magna)

12.2. Persistence and degradability

Persistence / Degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Chemical name	Partition coefficient
Diethylene glycol monomethyl ether 111-77-3	-0.682
1-Methyl-2-pyrrolidinone 872-50-4	-0.46
Ammonia 7664-41-7	-1.14

12.4. Mobility in soil

Mobility in soil No information available.

Mobility in Environmental Media No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

Chemical name	PBT and vPvB assessment
Diethylene glycol monomethyl ether 111-77-3	The substance is not PBT / vPvB PBT assessment does not apply
Propylene glycol 57-55-6	The substance is not PBT / vPvB PBT assessment does not apply
1-Methyl-2-pyrrolidinone 872-50-4	The substance is not PBT / vPvB PBT assessment does not apply
Ammonia 7664-41-7	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Other adverse effects

Other adverse effects No information available

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

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 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
Diethylene glycol monomethyl ether 111-77-3	RG 84
Propylene glycol 57-55-6	RG 84
1-Methyl-2-pyrrolidinone 872-50-4	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

International Inventories

AICS	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	No - Not all of the components are listed.
IECSC	No - Not all of the components are listed.
KECL	No - Not all of the components are listed.
PICCS	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 Chemical Substances/European 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 assessment

Chemical Safety Report No information available

Section 16: OTHER INFORMATION

Full text of H-Statements referred to under section 3
H221 - Flammable gas
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H331 - Toxic if inhaled
H335 - May cause respiratory irritation
H360D - May damage the unborn child
H361d - Suspected of damaging the unborn child
H400 - Very toxic to aquatic life

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 Rosco Laboratories Inc. 52 Harbor View Avenue Stamford, CT 06902, USA Phone: (203)-708-8900
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End of Safety Data Sheet