



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

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

Product Name ROSCO PREMIER CLEAR FLAT
Product Code RF6830
Alternate Product Code XY7419
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)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements

Product Identifier



Contains Diethylene glycol monomethyl ether, 1-Methyl-2-pyrrolidinone, Dibutyl phthalate

Signal word

Danger

Hazard statements

H360D - May damage the unborn child

H412 - Harmful to aquatic life with long lasting effects

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

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P201 - Obtain special instructions before use

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

P273 - Avoid release to the environment

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	01-2119456809-23-02 24
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
Dibutyl phthalate	201-557-4	84-74-2	>=0.5 - <1	Repr. 1B (H360Df) Aquatic Acute 1 (H400)	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
Dibutyl phthalate	84-74-2	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.
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4.3. Indication of any immediate medical attention and special treatment needed

Notes To Physician	Treat symptomatically.
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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 monomethyl ether 111-77-3	TWA: 10 ppm TWA: 50.1 mg/m ³ *	TWA: 10 ppm TWA: 50.1 mg/m ³ skin	TWA: 10 ppm TWA: 50.1 mg/m ³ S*	TWA: 10 ppm TWA: 50.1 mg/m ³ S*	TWA: 10 ppm TWA: 50.1 mg/m ³ *	TWA: 10 ppm TWA: 50.1 mg/m ³ STEL: 30 ppm STEL: 150.3 mg/m ³ Sk*	
Propylene glycol 57-55-6	-	-	-	-	-	TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm	
1-Methyl-2-pyrrolidinone 872-50-4	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ *	STEL: 20 ppm STEL: 80 mg/m ³ TWA: 10 ppm TWA: 40 mg/m ³ skin	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ S*	TWA: 40 mg/m ³ TWA: 10 ppm STEL: 80 mg/m ³ STEL: 20 ppm S*	TWA: 40 mg/m ³ TWA: 10 ppm STEL: 80 mg/m ³ STEL: 20 ppm *	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ Sk*	
Chemical name	Germany	Greece	Hungary	Iceland	Italy	Latvia	
Diethylene glycol monomethyl ether 111-77-3	TWA: 10 ppm TWA: 50 mg/m ³ H*	TWA: 10 ppm TWA: 50.1 mg/m ³ S*	TWA: 50.1 mg/m ³	10 ppm TWA 50.1 mg/m ³ TWA Skin	TWA: 10 ppm TWA: 50.1 mg/m ³ pelle*	TWA: 10 ppm TWA: 50.1 mg/m ³ S*	
Propylene glycol 57-55-6	-	-	-	-	-	TWA: 7 mg/m ³	
1-Methyl-2-pyrrolidinone 872-50-4	TWA: 20 ppm TWA: 82 mg/m ³ H*	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ S*	STEL: 80 mg/m ³ TWA: 40 mg/m ³ potential for cutaneous absorption	10 ppm TWA 40 mg/m ³ TWA 20 ppm STEL 80 mg/m ³ STEL	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ pelle*	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ 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/m ³ S*	TWA: 45 mg/m ³ H*	TWA: 50 mg/m ³	TWA: 10 ppm TWA: 50.1 mg/m ³ S*	TWA: 10 ppm TWA: 50.1 mg/m ³ via dérmica*	TLV: 10 ppm TLV: 50 mg/m ³ skin	TWA: 10 ppm TWA: 50.1 mg/m ³ STEL: 30 ppm STEL: 150.3 mg/m ³ Sk*
Propylene glycol 57-55-6	TWA: 7 mg/m ³	-	TWA: 100 mg/m ³	-	-	-	TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 mg/m ³ STEL: 30 mg/m ³
1-Methyl-2-pyrrolidinone 872-50-4	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ S*	TWA: 40 mg/m ³ STEL: 80 mg/m ³ H*	STEL: 80 mg/m ³ TWA: 40 mg/m ³	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ S*	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ via dérmica*	TLV: 10 ppm TLV: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ skin	TWA: 10 ppm TWA: 40 mg/m ³ STEL: 20 ppm STEL: 80 mg/m ³ 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

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
Density (g/L)	1006 - 1054	None known
Relative Density	1.00 - 1.05	
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)	20,005.40 mg/kg
ATEmix (inhalation-dust/mist)	123.05 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
Dibutyl phthalate 84-74-2	= 7499 mg/kg (Rat)	> 20000 mg/kg (Rabbit)	>= 15.68 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

Harmful to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Crustacea
Diethylene glycol monomethyl ether 111-77-3	EC50: >500mg/L (72h, Desmodemus 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, Desmodemus 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)
Dibutyl phthalate 84-74-2	EC50: =0.4mg/L (96h, Pseudokirchneriella subcapitata) EC50: =1.2mg/L (72h,	LC50: 0.31 - 5.45mg/L (96h, Pimephales promelas) LC50: 0.42 - 1.28mg/L (96h, Lepomis	EC50: =2.99mg/L (48h, Daphnia magna) EC50: =3.4mg/L (48h, Daphnia magna)

	Desmodemus subspicatus)	macrochirus) LC50: 0.71 - 1.2mg/L (96h, Pimephales promelas) LC50: 1.24 - 5.3mg/L (96h, Oncorhynchus mykiss) LC50: 1.38 - 1.74mg/L (96h, Lepomis macrochirus) LC50: >1.24mg/L (96h, Oncorhynchus mykiss)	
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
Dibutyl phthalate 84-74-2	5.38
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
Dibutyl phthalate 84-74-2	The substance is not PBT / vPvB
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

Chemical name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Dibutyl phthalate	Group I Chemical Group III Chemical	High Exposure Concern	

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/NDL - 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
H360Df - May damage the unborn child. Suspected of damaging fertility
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
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End of Safety Data Sheet