

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

Issuing Date 12-Mar-2020 Revision Date: 20-Jul-2021 Revision Number: 2

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

Product Name ROSCO OFF BROADWAY BRIGHT GOLD

Product Code RF5383
Alternate Product Code XY5178

Product Class Water thinned paint

ColorGoldRecommended usePaint

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

Skin sensitization	Category 1 - (H317)
Chronic aquatic toxicity	Category 2 - (H411)

2.2. Label elements

Product Identifier

Contains 1.2-Benzisothiazolin-3-one

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Signal word Warning

Hazard statements

H317 - May cause an allergic skin reaction

H411 - Toxic 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

P273 - Avoid release to the environment

P280 - Wear protective gloves

P321 - Specific treatment (see supplemental first aid instructions on this label)

P391 - Collect spillage

P501 - Dispose of contents/ container to an approved waste disposal 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
Copper	231-159-6	7440-50-8	>=5 - <10	Not available	Not available
Propylene glycol	200-338-0	57-55-6	>=1 - <5	Not available	01-2119456809-23-02 24
Zinc	231-175-3	7440-66-6	>=1 - <5	Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Pyr. Sol. 1 (H250) Water-react. 1 (H260)	Not available
2-Butoxyethanol	203-905-0	111-76-2	>=1 - <5	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Eye Irr 2 (H319) Acute Tox. 4 (H332) STOT SE 3 (H335)	Not available
1,2-Benzisothiazolin-3-one	220-120-9	2634-33-5	>=0.05 - <0.1	Acute Tox 4 (H302) Acute Tox 2 (H330) Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	Not available

		Skin Sens. 1 (H317)	
		Aquatic Acute 1	
		(H400)	
		Aquatic Chronic 2	
		· (H411)	

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

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 while

removing all contaminated clothes and shoes.

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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

May cause allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment

<u>needed</u>

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

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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

Prevent spreading of vapors through sewers, ventilation **Environmental precautions**

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

Avoid contact with skin, eyes and clothing. Avoid breathing Handling

vapors, spray mists or sanding dust. In case of insufficient

ventilation, wear suitable respiratory equipment.

Wash thoroughly after handling. **Hygiene Measures**

7.2. Conditions for safe storage, including any incompatibilities

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

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

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8.1. Control parameters

Chemical name	European Union	n Belgium	1	Bulga	ria	Cy	/prus		France	Ireland
Copper	-	TWA: 0.2 mg		TWA: 0.1			-		A: 0.2 mg/m ³	TWA: 0.2 mg/m ³
7440-50-8		TWA: 1 mg	/ m ³	TWA: 1.0	mg/m³				VA: 1 mg/m ³	TWA: 1 mg/m ³
								ST	EL: 2 mg/m ³	STEL: 2 mg/m ³
										STEL: 0.6 mg/m ³
Propylene glycol	-	-		-			-		-	TWA: 10 mg/m ³
57-55-6										TWA: 150 ppm
										TWA: 470 mg/m ³ STEL: 1410 mg/m ³
										STEL: 1410 mg/m ³ STEL: 30 mg/m ³
										STEL: 30 mg/m ³ STEL: 450 ppm
2-Butoxyethanol	TWA: 20 ppm	STEL: 50 p	nm	TWA: 20) nnm	TWΔ	: 20 ppm	T\	VA: 10 ppm	TWA: 20 ppm
111-76-2	TWA: 98 mg/m ³			TWA: 98			98 ma/m ³		/A: 49 mg/m ³	TWA: 98 mg/m ³
111702	STEL: 50 ppm	TWA: 20 p		STEL: 50	J.		: 50 ppm		EL: 50 ppm	STEL: 50 ppm
	STEL: 246 mg/m			STEL: 246			246 mg/m ³		L: 246 mg/m ³	STEL: 246 mg/m ³
	*	skin		S*	3		S*		*	Sk*
Chemical name	Germany	Greece		Hung			eland		Italy	Latvia
Copper	-	TWA: 0.2 mg		STEL: 4	J.		g/m³ TWA		-	TWA: 0.5 mg/m ³
7440-50-8		TWA: 1 mg		STEL: 0.4		0.1 mg	g/m³ TWA			STEL: 1 mg/m ³
		STEL: 2 mg	/m ³	TWA: 1 r						
Daniel and all and	_			TWA: 0.1	mg/m ³					T)A/A 7/3
Propylene glycol 57-55-6	-	-		-			-		-	TWA: 7 mg/m ³
	TWA: 10 ppm	TWA: 25 p		STEL: 246	2 00 01/003	20 5	om TWA		VA: 20 ppm	TWA: 20 ppm
2-Butoxyethanol 111-76-2	TWA: 10 ppm TWA: 49 mg/m ³			TWA: 98			g/m³ TWA		/A: 98 mg/m ³	TWA: 20 ppm TWA: 98 mg/m ³
111-70-2	H*	S*	g/III*	potentia	_		om TWA		EL: 50 ppm	STEL: 50 ppm
	''			cutane			m STEL		L: 246 mg/m ³	STEL: 246 mg/m ³
				absorp			g/m³ STEL	" -	pelle*	S*
						,	Skin			-
Chemical name	Lithuania	Netherlands	F	Poland	Rom	ania	Spain	1	Sweden	United
										Kingdom
Copper		TWA: 0.1 mg/m ³	TWA:				TWA: 0.1 n	ng/m³	TLV: 0.01 mg/ı	
7440-50-8	TWA: 0.2 mg/m ³				STEL: 0.					TWA: 0.2 mg/m ³
					STEL: 1.	.5 mg/m ³				STEL: 0.6 mg/m ³ STEL: 2 mg/m ³
Propylene glycol	TWA: 7 mg/m ³		Τ\Λ/Λ ·	100 mg/m ³						TWA: 150 ppm
57-55-6	T VVA. 7 mg/m²	-	II VVA.	. 100 mg/m²		-	-		<u> </u>	TWA: 474 mg/m ³
37-33-6										TWA: 474 mg/m ³
										STEL: 450 ppm
										STEL: 1422
										mg/m ³
										STEL: 30 mg/m ³
2-Butoxyethanol		TWA: 100 mg/m ³	ST	ΓEL: 200	TWA: 2		TWA: 20		TLV: 10 ppm	TWA: 25 ppm
111-76-2	TWA: 50 mg/m ³	STEL: 246		mg/m³		8 mg/m ³	TWA: 98 m		TLV: 50 mg/m	
	STEL: 20 ppm	mg/m³	TWA	: 98 mg/m ³		50 ppm	STEL: 50		STEL: 50 ppr	
	STEL: 100	H*				: 246	STEL: 2		STEL: 246	STEL: 246
	mg/m³					/m³	mg/m ³		mg/m³	mg/m³
	S*				S	; *	vía dérmi	ca*	skin	Sk*

8.2. Exposure controls

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

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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) 1114 - 1162 None known **Relative Density** 1.11 - 1.16 No information available None known pН 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 No information available Vapor density None known Wt. % Solids 30 - 40None known Vol. % Solids 20 - 30None known Wt. % Volatiles 60 - 70 None known Vol. % Volatiles 70 - 80 None known **Boiling Point (°C)** 100 None known Freezing Point (°C) n 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:** None known No information available 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 reactionsNone 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 contactThere is no data available for this product.

Skin contact Repeated or prolonged skin contact may cause allergic

reactions with susceptible persons.

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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) 82,321.70 mg/kg ATEmix (inhalation-vapor) 823.20 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	
Zinc 7440-66-6	= 630 mg/kg (Rat)		
2-Butoxyethanol 111-76-2	= 1300 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 4.9 mg/L (Rat) 3H
1,2-Benzisothiazolin-3-one 2634-33-5	= 1020 mg/kg (Rat)		

Skin corrosion/irritationNo information available.

Eye damage/irritationNo information available.

Sensitization May cause an allergic skin reaction.

Mutagenic Effects

No information available.

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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 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. No information available. **Symptoms Aspiration Hazard** No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Toxic to aquatic life with long lasting effects

Chemical name	Algae/aquatic plants	Fish	Crustacea
Copper	EC50: 0.031 - 0.054mg/L (96h,	LC50: 0.0068 - 0.0156mg/L (96h,	EC50: =0.03mg/L (48h, Daphnia
7440-50-8	Pseudokirchneriella subcapitata)	Pimephales promelas) LC50:	magna)
	EC50: 0.0426 - 0.0535mg/L (72h,	<0.3mg/L (96h, Pimephales	
	Pseudokirchneriella subcapitata)	promelas) LC50: =0.052mg/L (96h,	
		Oncorhynchus mykiss) LC50:	
		=0.112mg/L (96h, Poecilia	
		reticulata) LC50: =0.2mg/L (96h,	
		Pimephales promelas) LC50:	
		=0.3mg/L (96h, Cyprinus carpio)	
		LC50: =0.8mg/L (96h, Cyprinus	
		carpio) LC50: =1.25mg/L (96h,	
		Lepomis macrochirus)	
Propylene glycol	EC50: =19000mg/L (96h,	LC50 41 - 47 mL/L Oncorhynchus	EC50 > 1000 mg/L (48 h)
57-55-6	Pseudokirchneriella subcapitata)	mykiss (96 h)	EC50 > 10000 mg/L (24 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)	
Zinc	EC50: 0.09 - 0.125mg/L (72h,	LC50: 0.211 - 0.269mg/L (96h,	EC50: 0.139 - 0.908mg/L (48h,
7440-66-6	Pseudokirchneriella subcapitata)	Pimephales promelas) LC50: 2.16 -	Daphnia magna)
	EC50: 0.11 - 0.271mg/L (96h,	3.05mg/L (96h, Pimephales	
	Pseudokirchneriella subcapitata)	promelas) LC50: =0.24mg/L (96h,	
		Oncorhynchus mykiss) LC50:	
		=0.41mg/L (96h, Oncorhynchus	
		mykiss) LC50: =0.45mg/L (96h,	

	Cyprinus carpio) LC	C50: =0.59mg/L
	(96h, Oncorhynchus	s mykiss) LC50:
	=2.66mg/L (96h,	Pimephales
	promelas) LC50: =	:3.5mg/L (96h,
	Lepomis macroc	hirus) LC50:
	=30mg/L (96h, Cy	prinus carpio)
	LC50: =7.8mg/L (96h, Cyprinus
	carpid	o)
2-Butoxyethanol	LC50: =1490mg/L	(96h, Lepomis EC50: 1698 - 1940mg/L (24h,
111-76-2	macrochirus) LC5	0: =2950mg/L Daphnia magna) EC50: >1000mg/L
	(96h, Lepomis n	nacrochirus) (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.

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Chemical name	Partition coefficient
2-Butoxyethanol 111-76-2	0.81
1,2-Benzisothiazolin-3-one 2634-33-5	1.3

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
Copper 7440-50-8	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
Zinc 7440-66-6	The substance is not PBT / vPvB PBT assessment does not apply
2-Butoxyethanol 111-76-2	The substance is not PBT / vPvB
1,2-Benzisothiazolin-3-one 2634-33-5	The substance is not PBT / vPvB

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.

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Section 14: TRANSPORT INFORMATION

IMDG Not regulated

Transport hazard class(es)9UN numberUN3082Packing GroupIIIEmS No.F-A, S-F

RID Not regulated

Transport hazard class(es)9UN-No.UN3082Packing groupIIIClassification CodeM6Labels9

ADR Not regulated

Transport hazard class(es)

UN number

Packing group

Classification Code

Labels

9

UN3082

M6

Labels

ADN Not regulated

Transport hazard class(es)
UN-No.
UN3082
Packing group
III
Classification Code
M6

Special Provisions 274, 335, 375, 601

Hazard label(s) 9
Equipment Requirements PP

IATA Not regulated

UN number UN3082

Transport hazard class(es) 9
Packing group III

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Occupational Illnesses (R-463-3, France)

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Chemical name	French RG number
Propylene glycol	RG 84
57-55-6	
Zinc	RG 61
7440-66-6	
2-Butoxyethanol 111-76-2	RG 84
1,2-Benzisothiazolin-3-one 2634-33-5	RG 65

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. No - Not all of the components are listed. **ENCS IECSC** No - Not all of the components are listed. **KECL (Annex 1)** No - Not all of the components are listed. **PICCS** No - Not all of the components are listed. Yes - All components are listed or exempt. **TSCA: United States**

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

H250 - Catches fire spontaneously if exposed to air

H260 - In contact with water releases flammable gases which may ignite spontaneously

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H319 - Causes serious eye irritation

H330 - Fatal if inhaled

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H411 - Toxic to aquatic life with long lasting effects

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

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End of Safety Data Sheet