



## 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** 05-Mar-2020

**Revision Date:** 17-Mar-2020

**Revision Number:** 1

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

<b>Product Name</b>	<b>ROSCO OFF BROADWAY ORANGE</b>
<b>Product Code</b>	<b>RF5363</b>
<b>Alternate Product Code</b>	XY5113
<b>Product Class</b>	Water thinned paint
<b>Color</b>	Orange
<b>Recommended use</b>	Paint
<b>Restrictions on use</b>	No information available

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### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

*Regulation (EC) No 1272/2008*

<b>Carcinogenicity</b>	Category 1B - (H350)
<b>Specific target organ toxicity (repeated exposure)</b>	Category 2 - (H373)

#### 2.2. Label elements

**Product Identifier**

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Contains Pigment Orange 16, Cristobalite

**Signal word**

Danger

**Hazard statements**

H350 - May cause cancer

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

**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

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

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 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
Cristobalite	238-455-4	14464-46-1	>=5 - <10	STOT RE 1 (H372)	Not available
Diatomaceous silica, flux-calcined	272-489-0	68855-54-9	>=1 - <5	STOT RE 2 (H373)	Not available
Propylene glycol	200-338-0	57-55-6	>=1 - <5	Not available	01-2119456809-23-02 24
Pigment Orange 16	229-388-1	6505-28-8	>=1 - <5	Carc. 1B (H305)	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
Polyethylene glycol octylphenol ether	9002-93-1	Listed

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## Section 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Description of first aid measures

<b>General Advice</b>	If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	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

<b>Most Important Symptoms/Effects</b>	None known.
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### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes To Physician</b>	Treat symptomatically.
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## Section 5: FIRE FIGHTING MEASURES

### 5.1. Extinguishing media

<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available.

### 5.2. Special hazards arising from the substance or mixture

<b>Specific Hazards Arising From The Chemical</b>	Closed containers may rupture if exposed to fire or extreme heat.
<b>Sensitivity to static discharge</b>	No
<b>Sensitivity to mechanical impact</b>	No

### 5.3. Advice for firefighters

<b>Protective equipment and precautions for firefighters</b>	Wear self-contained breathing apparatus and protective suit.
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## Section 6: ACCIDENTAL RELEASE MEASURES

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**6.1. Personal precautions, protective equipment and emergency procedures**

<b>Personal Precautions</b>	Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.
<b>Other Information</b>	Observe all relevant local and international regulations.

**6.2. Environmental precautions**

<b>Environmental precautions</b>	See Section 12 for additional Ecological Information.
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**6.3. Methods and material for containment and cleaning up**

<b>Methods for Containment</b>	Absorb with inert material and place in suitable container for disposal.
<b>Methods for Cleaning Up</b>	Clean contaminated surface thoroughly.

**6.4. Reference to other sections**

<b>Other information</b>	See Section 12 for additional information.
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**Section 7: HANDLING AND STORAGE****7.1. Precautions for safe handling**

<b>Handling</b>	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hygiene Measures</b>	Wash thoroughly after handling.

**7.2. Conditions for safe storage, including any incompatibilities**

<b>Storage</b>	Keep container tightly closed. Keep out of the reach of children.
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**7.3. Specific end use(s)**

<b>Specific Uses</b>	Architectural coating. Apply as directed. Refer to product label / literature for specific instructions.
<b>Risk Management Methods (RMM)</b>	Not Applicable.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Chemical name	European Union	Belgium	Bulgaria	Cyprus	France	Ireland
Cristobalite 14464-46-1	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.07 mg/m <sup>3</sup>	-	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup> STEL: 0.3 mg/m <sup>3</sup>
Diatomaceous silica, flux-calcined 68855-54-9	-	-	-	-	-	TWA: 1.2 mg/m <sup>3</sup> STEL: 3.6 mg/m <sup>3</sup>
Propylene glycol 57-55-6	-	-	-	-	-	TWA: 10 mg/m <sup>3</sup> TWA: 150 ppm TWA: 470 mg/m <sup>3</sup> STEL: 1410 mg/m <sup>3</sup>

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							STEL: 30 mg/m <sup>3</sup> STEL: 450 ppm
Chemical name	Germany	Greece	Hungary	Iceland	Italy	Latvia	
Cristobalite 14464-46-1	-	-	TWA: 0.15 mg/m <sup>3</sup>	0.15 mg/m <sup>3</sup> TWA 0.05 mg/m <sup>3</sup> TWA	-	-	-
Diatomaceous silica, flux-calcined 68855-54-9	TWA: 0.3 mg/m <sup>3</sup>	-	-	1.5 mg/m <sup>3</sup> TWA	-	-	-
Propylene glycol 57-55-6	-	-	-	-	-	-	TWA: 7 mg/m <sup>3</sup>
Chemical name	Lithuania	Netherlands	Poland	Romania	Spain	Sweden	United Kingdom
Cristobalite 14464-46-1	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.075 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>	TWA: 0.05 mg/m <sup>3</sup>	TLV: 0.05 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
Diatomaceous silica, flux-calcined 68855-54-9	-	-	TWA: 2 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>	-	-	-	-
Propylene glycol 57-55-6	TWA: 7 mg/m <sup>3</sup>	-	TWA: 100 mg/m <sup>3</sup>	-	-	-	TWA: 150 ppm TWA: 474 mg/m <sup>3</sup> TWA: 10 mg/m <sup>3</sup> STEL: 450 ppm STEL: 1422 mg/m <sup>3</sup> STEL: 30 mg/m <sup>3</sup>

## 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 thoroughly after handling.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance

Orange liquid

Odor

little or no odor

Odor Threshold

No information available

Property

Values

Remarks/ Method

Density (g/L)

1198 - 1246

None known

Relative Density

1.21 - 1.25

pH

No information available

None known

Viscosity (cps)

No information available

None known

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<b>Solubility(ies)</b>	No information available	None known
<b>Water solubility</b>	No information available	None known
<b>Evaporation Rate</b>	No information available	None known
<b>Vapor pressure</b>	No information available	None known
<b>Vapor density</b>	No information available	None known
<b>Wt. % Solids</b>	40 - 50	None known
<b>Vol. % Solids</b>	30 - 40	None known
<b>Wt. % Volatiles</b>	50 - 60	None known
<b>Vol. % Volatiles</b>	60 - 70	None known
<b>Boiling Point (°C)</b>	100	None known
<b>Freezing Point (°C)</b>	0	None known
<b>Melting Point (°C)</b>	No information available	None known
<b>Pour Point</b>	No information available	None known
<b>Flash Point (°C)</b>	Not applicable	None known
<b>Flammability (solid, gas)</b>	No information available	None known
<b>Upper flammability limit:</b>	No information available	None known
<b>Lower flammability limit:</b>	No information available	None known
<b>Autoignition Temperature (°C)</b>	No information available	None known
<b>Decomposition Temperature (°C)</b>	No information available	None known
<b>Partition coefficient</b>	No information available	None known
<b>Explosive properties</b>	No information available	None known
<b>Oxidizing Properties</b>	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

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<b>Inhalation</b>	May be harmful if inhaled.
<b>Eye contact</b>	There is no data available for this product.
<b>Skin contact</b>	There is no data available for this product.
<b>Ingestion</b>	There is no data available for this product.

**Acute Toxicity****Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propylene glycol 57-55-6	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	

<b>Skin corrosion/irritation</b>	No information available.
<b>Eye damage/irritation</b>	No information available.
<b>Sensitization</b>	No sensitizing effects known.
<b>Mutagenic Effects</b>	No information available.

**Carcinogenic effects**

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

Chemical name	European Union	IARC
Cristobalite 14464-46-1		1 - Human Carcinogen
Pigment Orange 16 6505-28-8	Carc. 1B	

• Crystalline Silica has been determined to be carcinogenic to humans by IARC (1) when in respirable form. Risk of cancer depends on duration and level of inhalation exposure to spray mist or dust from sanding the dried paint.

**Legend**

IARC - International Agency for Research on Cancer

<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	Causes damage to organs through prolonged or repeated exposure if inhaled.
<b>Neurological Effects</b>	No information available.
<b>Target organ effects</b>	No information available.
<b>Symptoms</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

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## 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
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)

### 12.2. Persistence and degradability

Persistence / Degradability

No information available.

### 12.3. Bioaccumulative potential

Bioaccumulation

There is no data for this product.

### 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

This substance is not considered to be persistent, bioaccumulating nor toxic (PBT).

Chemical name	PBT and vPvB assessment
Diatomaceous silica, flux-calcined 68855-54-9	PBT assessment does not apply
Propylene glycol 57-55-6	The substance is not PBT / vPvB PBT assessment does not apply
Pigment Orange 16 6505-28-8	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

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	waste and hazardous waste.
<b>Contaminated Packaging</b>	Empty containers should be taken for local recycling, recovery or waste disposal.
<b>EWC waste disposal No</b>	No information available
<b>Other Information</b>	Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

<b>IMDG</b>	Not regulated
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated
<b>IATA</b>	Not regulated

## Section 15: REGULATORY INFORMATION

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

#### National regulations

#### Occupational Illnesses (R-463-3, France)

Chemical name	French RG number
Cristobalite 14464-46-1	RG 25
Propylene glycol 57-55-6	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

<b>AICS</b>	No - Not all of the components are listed.
<b>DSL: Canada</b>	Yes - All components are listed or exempt.
<b>EINECS: European Union</b>	No - Not all of the components are listed.
<b>ENCS</b>	No - Not all of the components are listed.
<b>IECSC</b>	No - Not all of the components are listed.
<b>KECL (Annex 1)</b>	No - Not all of the components are listed.
<b>PICCS</b>	No - Not all of the components are listed.
<b>TSCA: United States</b>	Yes - All components are listed or exempt.

#### Legend

**AICS** - Australian Inventory of Chemical Substances

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**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

H305 - May be harmful if swallowed and enters airways

H372 - Causes damage to organs through prolonged or repeated exposure

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

**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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**Revision Summary**

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**End of Safety Data Sheet**