SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:

Issuing Date 21-Nov-2019  Revision Date: 21-Nov-2019  Revision Number: 1

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

Product Name  ROSCO FLUORESCENT ORANGE
Product Code  RF5781
Alternate Product Code  XY6313
Product Class  Water thinned paint
Color  Orange
Recommended use  Paint
Restrictions on use  No information available

Roscolab Limited
Blanchard Works
Kangley Bridge Road
Sydenham
London SE26 5AQ
Phone: +44 (0) 20 8659 2300 (Monday - Friday, 9 am to 5 pm GMT)
Email: info.emea@rosco.com

Rosco Laboratories Inc.
52 Harbor View Avenue
Stamford, CT 06902, USA
Phone: (203)-708-8900
www.rosco.com

Emergency Telephone
CHEMTREC: +1-703-741-5970
CHEMTREC (United Kingdom Local Number): +44-870-8200418

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

2.2. Label elements

Product Identifier
Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)
EUH208 - Contains (2-Methyl-4-isothiazolin-3-one). May produce an allergic reaction
EUH210 - Safety data sheet available on request

2.3. Other hazards

General Hazards No information available

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

### 3.1 Substances

Not applicable

### 3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EINECS/ELINCS No.</th>
<th>CAS No.</th>
<th>Weight-%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
<th>REACH registration number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>200-338-0</td>
<td>57-55-6</td>
<td>&gt;=1 - &lt;5</td>
<td>Not available</td>
<td>01-2119456809-23-02</td>
</tr>
</tbody>
</table>
| 2-Methyl-4-isothiazolin-3-one | 220-239-6         | 2682-20-4 | >=0.01 - < 0.05 | Acute Tox. 3 (H301)  
Acute Tox. 3 (H311)  
Skin Corr. 1B (H314)  
Skin Sens. 1 (H317)  
Eye Dam. 1 (H318)  
STOT SE 3 (H335)  
Aquatic Acute 1 (H400) | Not available |

*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.

**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
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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>European Union</th>
<th>Belgium</th>
<th>Bulgaria</th>
<th>Cyprus</th>
<th>France</th>
<th>Ireland</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 470 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 450 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 1410 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 30 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Germany</th>
<th>Greece</th>
<th>Hungary</th>
<th>Iceland</th>
<th>Italy</th>
<th>Latvia</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 7 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Lithuania</th>
<th>Netherlands</th>
<th>Poland</th>
<th>Romania</th>
<th>Spain</th>
<th>Sweden</th>
<th>United Kingdom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>TWA: 7 mg/m³</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 150 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 474 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 10 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 450 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 1422 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STEL: 30 mg/m³</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>little or no odor</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Density (g/L)</td>
<td>1078 - 1126</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.07 - 1.12</td>
<td>None known</td>
</tr>
<tr>
<td>pH</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Viscosity (cps)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Water solubility</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Wt. % Solids</td>
<td>35 - 45</td>
<td>None known</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>25 - 35</td>
<td>None known</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>55 - 65</td>
<td>None known</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>65 - 75</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>100</td>
<td>None known</td>
</tr>
<tr>
<td>Freezing Point (°C)</td>
<td>0</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point (°C)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Pour Point</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>Not applicable</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition Temperature (°C)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No information available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>No information available</td>
<td>None known</td>
</tr>
</tbody>
</table>

### 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

Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol</td>
<td>= 20 g/kg (Rat)</td>
<td>= 20800 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>57-55-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-Methyl-4-isothiazolin-3-one</td>
<td>232 - 249 mg/kg (Rat)</td>
<td>= 200 mg/kg (Rabbit)</td>
<td>= 0.11 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>2682-20-4</td>
<td>= 120 mg/kg (Rat)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Skin corrosion/irritation
No information available.

Eye damage/irritation
No information available.

Sensitization
May cause sensitization of susceptible persons.

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.

Legend
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
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.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td></td>
<td>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)</td>
<td>EC50 &gt; 1000 mg/L (48 h) EC50 &gt; 10000 mg/L (24 h)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence / Degradability
No information available.

12.3. Bioaccumulative potential

Bioaccumulation
No information available.

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.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>PBT and vPvB assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>The substance is not PBT / vPvB PBT assessment does not apply</td>
</tr>
</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>French RG number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>RG 84</td>
</tr>
</tbody>
</table>

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.
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
H301 - Toxic if swallowed
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H335 - May cause respiratory irritation
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

Issuing Date
21-Nov-2019

Revision Date:
21-Nov-2019

Revision Summary
Change to Format

Disclaimer
The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

End of Safety Data Sheet