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

Product Name: ROSCO FLUORESCENT WHITE
Product Code: RF5779
Alternate Product Code: XY6301
Product Class: Water thinned paint
Color: White
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 (1,2-Benzisothiazolin-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>Barium sulfate</td>
<td>231-784-4</td>
<td>7727-43-7</td>
<td>&gt;=5 - &lt;10</td>
<td>Acute Tox. 4 (H302) Acute Tox. 4 (H332)</td>
<td>Not available</td>
</tr>
<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>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic</td>
<td>265-090-8</td>
<td>64741-88-4</td>
<td>&gt;=0.1 - &lt;0.3</td>
<td>Repr. 2 (H361) STOT RE 1 (H372) Asp. Tox 1 (H304)</td>
<td>Not available</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>220-120-9</td>
<td>2634-33-5</td>
<td>&gt;=0.005 - &lt;0.01</td>
<td>Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Aquatic Acute 1 (H400)</td>
<td>Not available</td>
</tr>
</tbody>
</table>

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

---

## Section 4: FIRST AID MEASURES

### 4.1. 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>Barium sulfate 7727-43-7</td>
<td>-</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10.0 mg/m³</td>
<td>-</td>
<td>-</td>
<td>TWA: 2 mg/m³ STEL: 6 mg/m³</td>
</tr>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA: 150 ppm TWA: 470 mg/m³ TWA: 10 mg/m³ STEL: 450 ppm STEL: 1410 mg/m³ 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>Barium sulfate 7727-43-7</td>
<td>TWA: 4 mg/m³</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<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>Barium sulfate 7727-43-7</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>TWA: 10 mg/m³</td>
<td>-</td>
<td>TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³</td>
</tr>
<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 TWA: 474 mg/m³ TWA: 10 mg/m³ STEL: 450 ppm STEL: 1422 mg/m³ 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>1162 - 1210</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.16 - 1.20</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	May cause sensitization of susceptible persons.
   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 (inhalation-dust/mist) 17.60 mg/l

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 57-55-6</td>
<td>= 20 g/kg (Rat)</td>
<td>= 20800 mg/kg (Rabbit)</td>
<td></td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>= 2.18 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one 2634-33-5</td>
<td>= 1020 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 by skin contact.

Mutagenic Effects  
No information available.

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

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)</td>
<td>EC50 &gt; 1000 mg/L (48 h)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 710 mg/L Pimephales promelas (96 h)</td>
<td>EC50 &gt; 10000 mg/L (24 h)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 51600 mg/L Oncorhynchus mykiss (96 h)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 = 51400 mg/L Pimephales promelas (96 h)</td>
<td></td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4</td>
<td></td>
<td>LC50 &gt; 5000 mg/L Oncorhynchus mykiss (96 h)</td>
<td>EC50 &gt; 1000 mg/L (48 h)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Persistence / Degradability  
No information available.

12.3. Bioaccumulative potential
Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>1.3</td>
</tr>
</tbody>
</table>

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>Barium sulfate 7727-43-7</td>
<td>The substance is not PBT / vPvB PBT assessment does not apply</td>
</tr>
<tr>
<td>Propylene glycol 57-55-6</td>
<td>The substance is not PBT / vPvB PBT assessment does not apply</td>
</tr>
<tr>
<td>Distillates, petroleum, solvent-refined heavy paraffinic 64741-88-4</td>
<td>The substance is not PBT / vPvB</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</td>
<td>RG 84</td>
</tr>
<tr>
<td>1,2-Benzisothiazolin-3-one</td>
<td>RG 65</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

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>AICS</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>DSL: Canada</td>
<td>Yes - All components are listed or exempt.</td>
</tr>
<tr>
<td>EINECS: European Union</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>ENCS</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>IECSC</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>KECL</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>PICCS</td>
<td>No - Not all of the components are listed.</td>
</tr>
<tr>
<td>TSCA: United States</td>
<td>Yes - All components are listed or exempt.</td>
</tr>
</tbody>
</table>

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

H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H332 - Harmful if inhaled
H361 - Suspected of damaging fertility or the unborn child
H372 - Causes damage to organs through prolonged or repeated exposure
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 18-Nov-2019

Revision Date: 18-Nov-2019

Revision Summary Initial Release

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End of Safety Data Sheet