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

Product Name: ROSCO VIDEO PAINT CHROMA KEY BLUE
Product Code: RF5710
Alternate Product Code: XY5943
Product Class: Water thinned paint
Color: Blue
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>Titanium dioxide</td>
<td>236-675-5</td>
<td>13463-67-7</td>
<td>&gt;=1 - &lt;5</td>
<td>01-2119489379-17-01</td>
<td></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

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

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>TWA: 4 mg/m³</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>Titanium dioxide 13463-67-7</td>
<td>TWA: 1.5 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 1.0 mg/m³</td>
<td>-</td>
<td>TWA: 10 mg/m³ TWA: 10 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³</td>
<td></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>Titanium dioxide 13463-67-7</td>
<td>TWA: 5 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>6 mg/m³ STEL: 30 mg/m³</td>
<td>-</td>
<td>TWA: 10 mg/m³</td>
<td></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 STEL: 30 mg/m³ STEL: 12 mg/m³</td>
</tr>
<tr>
<td>Titanium dioxide 13463-67-7</td>
<td>TWA: 5 mg/m³</td>
<td>-</td>
<td>TWA: 10.0 mg/m³ STEL: 30 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TWA: 10 mg/m³</td>
<td>TLV: 5 mg/m³</td>
<td></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>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density (g/L)</td>
<td>1306 - 1342</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.30-1.35</td>
<td></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>45 - 55</td>
<td>None known</td>
</tr>
<tr>
<td>Vol. % Solids</td>
<td>30 - 40</td>
<td>None known</td>
</tr>
<tr>
<td>Wt. % Volatiles</td>
<td>45 - 55</td>
<td>None known</td>
</tr>
<tr>
<td>Vol. % Volatiles</td>
<td>60 - 70</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**  Repeated or prolonged skin contact may cause allergic reactions with 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)**  16.70 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>Titanium dioxide 13463-67-7</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td></td>
<td></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 an allergic skin reaction.

**Mutagenic Effects**  No information available.

**Carcinogenic effects**

The table below indicates whether each agency has listed any ingredient as a carcinogen.
Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint."

**Legend**
IARC - International Agency for Research on Cancer

<table>
<thead>
<tr>
<th>Reproductive Effects</th>
<th>No information available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developmental Effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Neurological Effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>Target organ effects</td>
<td>No information available.</td>
</tr>
<tr>
<td>Symptoms</td>
<td>No information available.</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

### Section 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

The environmental impact of this product has not been fully investigated.

#### 12.2. Persistence and degradability

**Persistence / Degradability**
No information available.

#### 12.3. Bioaccumulative potential

**Bioaccumulation**
There is no data for this product.

<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>
<tr>
<td>2634-33-5</td>
<td></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</td>
<td>The substance is not PBT / vPvB PBT assessment does not apply</td>
</tr>
<tr>
<td>7727-43-7</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>The substance is not PBT / vPbP PBT assessment does not apply</td>
</tr>
<tr>
<td>13463-67-7</td>
<td></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>1,2-Benzisothiazolin-3-one</td>
<td>RG 65</td>
</tr>
<tr>
<td>2634-33-5</td>
<td></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
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H318 - Causes serious eye damage
H332 - Harmful if inhaled
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
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21-Nov-2019

Revision Summary
Initial Release

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End of Safety Data Sheet