



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

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

| | |
|-------------------------------|----------------------------------|
| Product Name | ROSCO OFF BROADWAY COPPER |
| Product Code | RF5386 |
| Alternate Product Code | XY5194 |
| Product Class | Water thinned paint |
| Color | Copper |
| Recommended use | Paint |
| 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

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

| Chemical name | EINECS/ELINCS No. | CAS No. | Weight-% | Classification according to Regulation (EC) No. 1272/2008 [CLP] | REACH registration number |
|----------------------------|-------------------|------------|-----------------|---|---------------------------|
| Silica, mica | - | 12001-26-2 | >=5 - <10 | | Not available |
| Iron oxide | 215-168-2 | 1309-37-1 | >=1 - <5 | | Not available |
| Propylene glycol | 200-338-0 | 57-55-6 | >=1 - <5 | Not available | 01-2119456809-23-02 24 |
| 1,2-Benzisothiazolin-3-one | 220-120-9 | 2634-33-5 | >=0.01 - < 0.05 | Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Skin Sens. 1 (H317) 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**

| Chemical name | European Union | Belgium | Bulgaria | Cyprus | France | Ireland | |
|-----------------------------|----------------------------|---|---|--|---|---|---|
| Silica, mica 12001-26-2 | - | TWA: 3 mg/m ³ | TWA: 3.0 mg/m ³ TWA: 6.0 mg/m ³ | - | - | TWA: 3 mg/m ³ STEL: 9 mg/m ³ | |
| Iron oxide 1309-37-1 | - | TWA: 5 mg/m ³ | TWA: 5.0 mg/m ³ | - | TWA: 5 mg/m ³ TWA: 10 mg/m ³ | TWA: 5 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 10 mg/m ³ STEL: 12 mg/m ³ STEL: 30 mg/m ³ | |
| Propylene glycol 57-55-6 | - | - | - | - | - | TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³ STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm | |
| Chemical name | Germany | Greece | Hungary | Iceland | Italy | Latvia | |
| Iron oxide 1309-37-1 | - | TWA: 10 mg/m ³ STEL: 10 mg/m ³ | TWA: 6 mg/m ³ | 3.5 mg/m ³ TWA | - | - | |
| Propylene glycol 57-55-6 | - | - | - | - | - | TWA: 7 mg/m ³ | |
| Chemical name | Lithuania | Netherlands | Poland | Romania | Spain | Sweden | United Kingdom |
| Silica, mica 12001-26-2 | - | - | - | TWA: 3 mg/m ³ | TWA: 3 mg/m ³ | - | TWA: 10 mg/m ³ TWA: 0.8 mg/m ³ STEL: 30 mg/m ³ STEL: 2.4 mg/m ³ |
| Iron oxide 1309-37-1 | TWA: 3.5 mg/m ³ | - | STEL: 10 mg/m ³ STEL: 5 mg/m ³ TWA: 2.5 mg/m ³ TWA: 5 mg/m ³ | TWA: 5 mg/m ³ STEL: 10 mg/m ³ | TWA: 5 mg/m ³ | TLV: 3.5 mg/m ³ | TWA: 5 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 10 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³ |
| Propylene glycol 57-55-6 | TWA: 7 mg/m ³ | - | TWA: 100 mg/m ³ | - | - | - | TWA: 150 ppm TWA: 474 mg/m ³ TWA: 10 mg/m ³ STEL: 450 ppm STEL: 1422 |

| | | | | | | | |
|--|--|--|--|--|--|--|---|
| | | | | | | | mg/m ³ STEL: 30 mg/m ³ |
|--|--|--|--|--|--|--|---|

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**

liquid

Odor

little or no odor

Odor Threshold

No information available

Property**Values****Remarks/ Method****Density (g/L)**

1102 - 1150

None known

Relative Density

1.10 - 1.15

pH

No information available

None known

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

Vapor density

No information available

None known

Wt. % Solids

35 - 45

None known

Vol. % Solids

25 - 35

None known

Wt. % Volatiles

55 - 65

None known

Vol. % Volatiles

65 - 75

None known

Boiling Point (°C)

100

None known

Freezing Point (°C)

0

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:

No information available

None known

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 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

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|-----------------------------|-----------------------|--------------------------|-----------------|
| Iron oxide 1309-37-1 | > 10000 mg/kg (Rat) | | |
| Propylene glycol 57-55-6 | = 20 g/kg (Rat) | = 20800 mg/kg (Rabbit) | |

| | | | |
|---|----------------------|--|--|
| 1,2-Benzisothiazolin-3-one 2634-33-5 | = 1020 mg/kg (Rat) | | |
|---|----------------------|--|--|

| | |
|----------------------------------|--------------------------------------|
| 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

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. |
| 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

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|-----------------------------|---|--|---|
| Iron oxide 1309-37-1 | | LC50: =100000mg/L (96h, Danio rerio) | |
| 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.

| Chemical name | Partition coefficient |
|---|-----------------------|
| 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 |
|---|---|
| Iron oxide 1309-37-1 | 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 |
| 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.

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)

| Chemical name | French RG number |
|---|------------------------|
| Silica, mica 12001-26-2 | RG 25 |
| Iron oxide 1309-37-1 | RG 44, RG 44bis, RG 94 |
| Propylene glycol 57-55-6 | 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. |
| ENCS | No - Not all of the components are listed. |
| 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. |
| TSCA: United States | Yes - All components are listed or exempt. |

Legend

AICS - Australian Inventory of Chemical Substances
DSL/NDL - 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
 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 |
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End of Safety Data Sheet