

**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 1 of 11

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**1.1 Product identifier** : **FLEXCOAT**

**Product Code(s)** : Not available.

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

: Coating  
Use pattern: professional use  
Refer to restrictions found in REACH Annex XVII item 75.

**1.3 Details of the supplier of the safety data sheet:**

**Rosco Laboratories Inc.**

Roscolab Limited  
Blanchard Works  
Kangley Bridge Road  
Sydenham  
London  
SE26 5AQ  
UK

Rosco Ibérica, S.A.  
C/Oro,76, Pol. Ind. Sur  
28770 Colmenar Viejo, Madrid  
Spain

**Telephone** : +001 203 708 8900

**1.4 Emergency Telephone Number**

: In case of a transportation accident, contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.  
Poisons Information Centre  
Spain +34917689800  
The United Kingdom NHS 111

**1.5 National Contact**

: +001 203 708 8900

### SECTION 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

This mixture is classified as hazardous in accordance with Regulation (EC) No 1272/2008. Classification: Acute aquatic toxicity -Category 2; H401

**2.2 Label elements**

*Hazard pictogram(s)*

None required according to Regulation (EC) No. 1272/2008.

**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 2 of 11

**SAFETY DATA SHEET**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

Signal word:

Warning

Hazard statements:

H401 - Toxic to aquatic life.

Precautionary statements

P273 - Avoid release to the environment.

P501 - Dispose of contents/container in accordance with local regulation.

EUH210 - Safety data sheet available on request.

EUH211 - Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist

**2.3 Other hazards**

Other hazards which do not result in classification:

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May be mildly irritating to skin, eyes and respiratory system.

Endocrine disrupting properties: None.

PBT assessment:

This mixture contains no substance(s) above reportable levels which are considered to be persistent, bioaccumulating nor toxic (PBT), or very persistent and very bioaccumulating (vPvB).

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Substances**

Not applicable

**3.2 Mixtures**

Chemical nature : Mixture

| Substance name    | CAS No     | EC No.    | Reach Registration No. | % Weight    | Classification according to Regulation (EC) nr. 1272/2008                         | SCL, M-factor, ATE |
|-------------------|------------|-----------|------------------------|-------------|---|--------------------|
| Calcium Carbonate | 1317-65-3  | 215-279-6 | Not available          | 20.0 - 25.0 | not hazardous Substances for which there are Community workplace exposure limits. | Not applicable.    |
| Titanium Dioxide  | 13463-67-7 | 236-675-5 | Not available          | 5.0 - 10.0  | Carc. 2; H351   | Not applicable.    |

**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 3 of 11

**SAFETY DATA SHEET**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

|                     |            |           |               |             |  |                 |
|---------------------|------------|-----------|---------------|-------------|--|-----------------|
| Aluminum trihydrate | 21645-51-2 | 244-492-7 | Not available | 10.0 - 15.0 | None assigned. Substances for which there are Community workplace exposure limits. | Not applicable. |
| Zinc oxide          | 1314-13-2  | 215-222-5 | Not available | 1.0 - 5.0   | Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410                                   | M-Factor =10    |

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4. FIRST-AID MEASURES**

**4.1 Description of first aid measures**

- Ingestion* : Do NOT induce vomiting. Have victim rinse mouth with water, then give one to two glasses of water to drink. Never give anything by mouth to an unconscious person. Call a physician.
- Inhalation* : If inhaled, move to fresh air. If breathing is difficult, give oxygen by qualified medical personnel only. If breathing has stopped, give artificial respiration. Obtain medical attention if symptoms develop and persist.
- Skin contact* : Wash off immediately with plenty of water. Remove and wash contaminated clothing before re-use. If irritation or symptoms develop, seek medical attention.
- Eye contact* : Flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, seek prompt medical attention.

**4.1.2 Self-protection for the first aider**

- : Wear protective gloves and eye/face protection.

**4.2 Most important symptoms and effects, both acute and delayed**

- : May cause mild eye irritation. Symptoms may include stinging and tearing. May cause mild skin irritation. Symptoms may include mild redness and swelling. May cause respiratory irritation. Symptoms may include upper respiratory irritation, coughing and breathing difficulties. May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**4.3 Indication of any immediate medical attention and special treatment needed**

- : Treat symptomatically.

**SECTION 5. FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

- Suitable extinguishing media* : Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.
- Unsuitable extinguishing media* : Do not use a solid water stream as it may scatter and spread fire.

**5.2 Special hazards arising from the substance or mixture**

- : Burning may produce irritating, toxic and obnoxious fumes. In the event of fire the following can be released: Carbon oxides; Nitrogen oxides

**5.3 Advice for firefighters**

- Protective equipment for fire-fighters* : Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
- Special fire-fighting procedures* : Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.

FLEXCOAT

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 4 of 11

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

- : Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. Wear suitable protective equipment. Refer to protective measures listed in sections 7 and 8. Restrict access to area until completion of clean-up.

#### 6.2 Environmental precautions

- : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

#### 6.3 Methods and material for containment and cleaning up

- : Ventilate area of release. Stop spill or leak at source if safely possible. Dike for water control. Use only non-sparking tools and equipment in the clean-up process. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal (see Section 13).

#### 6.4 Reference to other sections

- : Refer to Section 5 for firefighting instructions. Refer to protective measures listed in sections 7 and 8. Refer to Section 13 for disposal of material.

### SECTION 7. HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

- : Use only in well-ventilated areas. Wear suitable protective equipment during handling. Avoid breathing vapours or mists. Avoid contact with eyes, skin and clothing. Keep away from extreme heat and flame. Keep away from incompatibles. Keep containers tightly closed when not in use. Wash thoroughly after handling.

#### 7.2 Conditions for safe storage, including any incompatibilities

- : Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks. No smoking in the area.

#### 7.3 Specific end use(s)

- : Coating

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 Control Parameters

| <b>Exposure Limits:</b>  |   |                           |  |
|--------------------------|---|---------------------------|--|
| <b>Chemical Name</b>     | <b>Exposure Limits</b>  | <b>Type</b>               | <b>Notes</b>                                   |
| <b>Calcium Carbonate</b> | None.   | European Union (OEL)      | None.  |
|                          | None.   | Spain (OEL)               | None.  |
|                          | 10 mg/m <sup>3</sup> (inhalable); 4 mg/m <sup>3</sup> (respirable dust) (TWA) | The United Kingdom (WELs) | None.  |
| <b>Titanium Dioxide</b>  | None known.   | European Union (OEL)      | None.  |
|                          | 10 mg/m <sup>3</sup> (TWA)  | France (OEL)              | None.  |
|                          | 10 mg/m <sup>3</sup> (TWA)  | Italy (OEL)               | Recommended exposure limit based on ACGIH TLVs |
|                          | 10 mg/m <sup>3</sup> (TWA)  | Spain (OEL)               | None.  |

**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 5 of 11

**SAFETY DATA SHEET**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

|                            |  |                           |                   |
|----------------------------|--|---------------------------|-------------------|
|                            | 10 mg/m <sup>3</sup> (inhalable); 4 mg/m <sup>3</sup> (respirable dust) (TWA)  | The United Kingdom (WELs) | None.             |
| <b>Aluminum trihydrate</b> | None known.  | European Union (OEL)      | None.             |
|                            | ;4 mg/m <sup>3</sup> MAK (dust, inhalable fraction); 1.5 mg/m <sup>3</sup> MAK (dust, respirable fraction);4 mg/m <sup>3</sup> MAK (dust, inhalable fraction); 1.5 mg/m <sup>3</sup> MAK (dust, respirable fraction) | Germany (OEL)             | N/Av              |
|                            | N/Av   | Spain (OEL)               | N/Av              |
|                            | N/Av   | The United Kingdom (WELs) | N/Av              |
| <b>Zinc oxide</b>          | 2 mg/m <sup>3</sup> (TWA)<br>10 mg/m <sup>3</sup> (STEL)   | Spain (OEL)               | (respirable dust) |
|                            | N/Av   | The United Kingdom (WELs) | N/Av              |

**Biological Exposure Indices:**

No biological exposure limits noted for the ingredient(s).

**Derived No Effect Level (DNEL):**

CAS# 21645-51-2) general population oral systemic effects long term exposure 4.74 mg/kg bw/day workers inhalation systemic effects long term exposure 10.76 mg/m<sup>3</sup> workers inhalation local effects long term exposure 10.76 mg/m<sup>3</sup> . (CAS# 1314-13-2) workers inhalation local effects long term exposure 0.5 mg/m<sup>3</sup> ; general population oral systemic effects long term exposure 0.83 mg/kg bw/day general population inhalation systemic effects long term exposure 2.5 mg/m<sup>3</sup> workers inhalation systemic effects long term exposure 5 mg/m<sup>3</sup> workers dermal systemic effects long term exposure 83 mg/kg bw/day general population dermal systemic effects long term exposure 83 mg/kg bw/day .

**Predicted No Effect Concentration (PNEC):**

(CAS# 1314-13-2) 20.6 µg/L (freshwater); 6.1 µg/L (marine water); 117.8 mg/kg (sediment (freshwater)); 56.5 mg/kg (sediment (marine water)); 100 µg/L(sewage treatment); 35.6 mg/kg (soil)

**8.2 Exposure controls**

**Ventilation and engineering measures**

: Use in a well-ventilated area. Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.

**Respiratory protection**

: In case of inadequate ventilation wear respiratory protection. Advice should be sought from respiratory protection specialists.

**Skin protection**

: Gloves impervious to the material are recommended. Advice should be sought from glove suppliers. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.

**Eye / face protection**

: Wear safety glasses with side shields ( or goggles). See also EN 166.

**Other protective equipment**

: Wear sufficient clothing to prevent skin contact. Depending on conditions of use, an impervious apron should be worn. An eyewash station and safety shower should be made available in the immediate working area.

**General hygiene considerations**

: Avoid breathing vapour or mist. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse. Handle in accordance with good industrial hygiene and safety practice.

**8.3 Environmental exposure controls**

: Avoid release to the environment.

FLEXCOAT

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 6 of 11

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

|  |                   |
|--|-------------------|
| <b>Physical state</b>                          | : Liquid          |
| <b>Colour</b>                                  | : white           |
| <b>Odour</b>                                   | : Mild odor.      |
| <b>Odour threshold</b>                         | : Not available.  |
| <b>pH</b>                                      | : Not available.  |
| <b>Flash point</b>                             | : >100°C          |
| <b>Flashpoint (Method)</b>                     | : Closed cup      |
| <b>Lower flammable limit (% by vol.)</b>       | : Not applicable. |
| <b>Upper flammable limit (% by vol.)</b>       | : Not applicable. |
| <b>Auto-ignition temperature</b>               | : Not available.  |
| <b>Decomposition temperature</b>               | : Not available.  |
| <b>Oxidizing properties</b>                    | : Not applicable  |
| <b>Explosive properties</b>                    | : Not explosive   |
| <b>Initial boiling point and boiling range</b> | : >100°C          |
| <b>Melting/Freezing point</b>                  | : Not available.  |
| <b>Relative density</b>                        | : 1.3             |
| <b>Solubility in water</b>                     | : Soluble         |
| <b>Other solubility(ies)</b>                   | : Not available.  |
| <b>Vapour pressure</b>                         | : 0.0014 mbar     |
| <b>Vapour density</b>                          | : Not available.  |
| <b>Partition coefficient: n-octanol/water</b>  | : Not available.  |
| <b>Viscosity</b>                               | : Not available.  |
| <b>Evaporation rate (BuAe = 1)</b>             | : Not available.  |
| <b>Particle characteristics</b>                | : Not applicable. |

#### 9.2 Other Information

|   |                         |
|---|-------------------------|
| <b>Volatiles (% by weight)</b>            | : Not available.        |
| <b>Volatile organic Compounds (VOC's)</b> | : <50 g/L               |
| <b>Other physical/chemical comments</b>   | : Density: 10.8 lbs/gal |

### SECTION 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>10.1 Reactivity</b>                         | : Not normally reactive.   |
| <b>10.2 Chemical stability</b>                 | : Material is stable under normal conditions.  |
| <b>10.3 Possibility of hazardous reactions</b> | : Hazardous polymerization does not occur.   |
| <b>10.4 Conditions to avoid</b>                | : Avoid excessive heat, sparks and open flame. Avoid contact with incompatible materials. Do not use in areas without adequate ventilation. Avoid exposure to light. |

FLEXCOAT

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 7 of 11

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### 10.5 Incompatible materials

: Strong acids and oxidizing agents; Strong bases; Strong acids

### 10.6 Hazardous decomposition products

: In the event of fire the following can be released: Carbon oxides; Nitrogen

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxicological effects:

**Acute toxicity** : According to the classification criteria of the European Union, this product is not considered as being an acutely toxic chemical.

**Skin corrosion/Irritation** : According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

#### **Serious eye damage/irritation**

: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

#### **Respiratory or skin sensitisation**

: Not expected to be a skin or respiratory sensitizer.

**Germ cell mutagenicity** : Not expected to be mutagenic in humans.

**Carcinogenicity** : Not classifiable as a human carcinogen. The ingredients listed in Section 3 are encapsulated within the matrix, therefore, no exposure to these materials is expected during proper use/handling of this product.

**Reproductive toxicity** : Not expected to cause reproductive effects.

**STOT-single exposure** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through a single exposure.

**STOT-repeated exposure** : According to the classification criteria of the European Union, this product is not expected to cause target organ toxicity through repeated exposures.

**Aspiration hazard** : According to the classification criteria of the European Union, this product is not considered as being an aspiration hazard to humans.

**Routes of exposure** : Skin contact, eye contact, inhalation.

**Effects of acute exposure** : Inhalation :Mild respiratory irritant

Eye contact :Direct eye contact may cause slight or mild, transient irritation.

Skin contact:May cause mild skin irritation on prolonged contact.

Ingestion: Not an expected route of entry under normal conditions of use.

#### **Potential Chronic Health Effects**

: Prolonged or repeated contact may cause drying, cracking and defatting of the skin.

### 11.1.1 Acute Toxicity

#### **Toxicological data**

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

| <u>Chemical name</u> | <b>LC<sub>50</sub>(4hr)</b><br><u>inh, rat</u>    | <b>LD<sub>50</sub></b> |                             |
|----------------------|---|------------------------|-----------------------------|
|                      |   | <u>(Oral, rat)</u>     | <u>(Rabbit, dermal)</u>     |
| Calcium Carbonate    | > 3 mg/L (aerosol) (No mortality)                 | 6450 mg/kg             | > 2000 mg/kg (No mortality) |
| Titanium Dioxide     | > 6.82 mg/kg (dust) (No mortality)                | > 25 000 mg/kg         | > 10 000 mg/kg              |
| Aluminum trihydrate  | > 2.3 mg/L (dust) (No mortality)<br>(Read-across) | > 5000 mg/kg           | N/Av                        |
| Zinc oxide           | > 5.7 mg/L (dust) (No mortality)                  | > 5000 mg/kg           | > 2000 mg/kg (No mortality) |

**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 8 of 11

**SAFETY DATA SHEET**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

**11.2 Information on other Hazards**

: None known.

**SECTION 12. ECOLOGICAL INFORMATION**

**12.1 Toxicity** : Toxic to aquatic life. Avoid release to the environment. See the following tables for individual ingredient ecotoxicity data.

**Ecotoxicity data:**

| <u>Ingredients</u>  | CAS No     | Toxicity to Fish               |               |          |
|---------------------|------------|--------------------------------|---------------|----------|
|                     |            | LC50 / 96h                     | NOEC / 21 day | M Factor |
| Calcium Carbonate   | 1317-65-3  | > 100 mg/L (Rainbow trout)     | N/Av          | None.    |
| Titanium Dioxide    | 13463-67-7 | > 100 mg/L (Japanese ricefish) | N/Av          | None.    |
| Aluminum trihydrate | 21645-51-2 | N/Av                           | N/Av          | None.    |
| Zinc oxide          | 1314-13-2  | 1.1 mg/L (Rainbow trout)       | N/Av          | None.    |

| <u>Ingredients</u>  | CAS No     | Toxicity to Daphnia        |               |          |
|---------------------|------------|----------------------------|---------------|----------|
|                     |            | EC50 / 48h                 | NOEC / 21 day | M Factor |
| Calcium Carbonate   | 1317-65-3  | > 100 mg/L (Daphnia magna) | N/Av          | None.    |
| Titanium Dioxide    | 13463-67-7 | > 100 mg/L (Daphnia magna) | N/Av          | None.    |
| Aluminum trihydrate | 21645-51-2 | N/Av                       | N/Av          | None.    |
| Zinc oxide          | 1314-13-2  | 0.098 mg/L (Daphnia magna) | N/Av          | 10       |

| <u>Ingredients</u>  | CAS No     | Toxicity to Algae             |                   |          |
|---------------------|------------|-------------------------------|-------------------|----------|
|                     |            | EC50 / 96h or 72h             | NOEC / 96h or 72h | M Factor |
| Calcium Carbonate   | 1317-65-3  | > 14 mg/L/72hr (Green algae)  | 14 mg/L/72hr      | None.    |
| Titanium Dioxide    | 13463-67-7 | > 100 mg/L/72hr (Green algae) | N/Av              | None.    |
| Aluminum trihydrate | 21645-51-2 | N/Av                          | N/Av              | None.    |
| Zinc oxide          | 1314-13-2  | 0.044 mg/L/72hr (Green algae) | N/Av              | 10       |

**12.2 Persistence and degradability**

: Not readily biodegradable.

**12.3 Bioaccumulation potential**

: No information available.



**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 9 of 11

**SAFETY DATA SHEET**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.




| <u>Components</u>                               | <u>Partition coefficient n-octanol/water (log Kow)</u>  | <u>Bioconcentration factor (BCF)</u> |
|---|---|--------------------------------------|
| Zinc oxide (CAS 1314-13-2)                      | - 1.53 (estimated)  | N/Av                                 |
| <b>12.4 Mobility in soil</b>                    | : No information available.   |                                      |
| <b>12.5 Results of PBT and vPvB assessment</b>  | : This mixture contains no substance(s) above reportable levels which are considered to be persistent, bioaccumulating nor toxic (PBT), or very persistent and very bioaccumulating (vPvB). |                                      |
| <b>12.6 Endocrine disrupting properties</b>     | : None Known.   |                                      |
| <b>12.7 Other Adverse Environmental effects</b> | : No information available.   |                                      |
| <b>12.8 Additional information</b>              | : None known or reported by the manufacturer.   |                                      |

**SECTION 13. DISPOSAL CONSIDERATIONS**

**13.1 Waste Treatment Methods:**

- Handling for Disposal** : Handle waste according to recommendations in Section 7.
- Methods of Disposal** : Dispose of in accordance with the European Directives on waste and hazardous waste. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

**SECTION 14. TRANSPORTATION INFORMATION**

| <i>Regulatory Information</i>           | <b>14.1 UN Number</b>   | <b>14.2 UN proper shipping name</b> | <b>14.3 Transport hazard class(es)</b> | <b>14.4 Packing Group</b> | <i>Label</i>  |
|---|---|-------------------------------------|--|---------------------------|---|
| IMDG                                    | None.   | Not regulated.                      | not regulated                          | none                      |  |
| <b>IMDG Additional information</b>      | None.   |                                     |  |                           |   |
| ICAO/IATA                               | None.   | Not regulated.                      | not regulated                          | none                      |  |
| <b>ICAO/IATA Additional information</b> | None.   |                                     |  |                           |   |
| ADR/RID                                 | None.   | not regulated                       | not regulated                          | none                      |  |
| <b>ADR/RID Additional information</b>   | Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail. |                                     |  |                           |   |

- 14.5 Environmental hazards** : This substance does not meet the criteria for an environmentally hazardous substance according to the IMDG Code. See ECOLOGICAL INFORMATION, Section 12.
- 14.6 Special precautions for user** : None known or reported by the manufacturer.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

FLEXCOAT

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 10 of 11

## SAFETY DATA SHEET

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

### SECTION 15. REGULATORY INFORMATION

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

: Classification according to Regulation (EC) No. 1272/2008 on the classification of hazardous mixtures.

##### Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: None of the components are specifically listed.

##### Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended Refer to restrictions found in REACH Annex XVII item 75. :

Directive 2012/18/EU (Seveso III) on the control of major-accident hazards involving dangerous substances: None of the components are specifically listed.

Directive 94/33/EC on the protection of young people at work: None of the components are specifically listed.

Directive 98/24/EC on the protection of the health and safety of workers from risks related to chemical agents at work: None of the components are specifically listed.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended [including Regulation (EU) 2023/707].

German legislation on water endangering substances AWSV. Water hazard class (Germany) ( 2self classified )

#### 15.2 Chemical safety assessment

: A chemical safety assessment has not been carried out by the Manufacturer of this product.

### SECTION 16. OTHER INFORMATION

#### Legend

: ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS: Chemical Abstract Services  
CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures  
EC: European Community  
EC50: Effective Concentration 50%  
ECHA: European Chemicals Agency  
EEC: European Economic Community  
IMDG: International Maritime Dangerous Goods  
LC: Lethal Concentration  
LD: Lethal Dose  
NOEC: No observable effect concentration  
OECD: Organisation for Economic Co-operation and Development  
OEL: National occupational exposure limits  
PEL: Permissible exposure limit  
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail  
TWA: Time Weighted Average

**FLEXCOAT**

SDS Preparation Date (dd/mm/yyyy): 22/08/2024

Page 11 of 11

**SAFETY DATA SHEET**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended.

**Information Source** : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices  
2. ECHA - European Chemical Agency  
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases  
4. Safety Data Sheets from manufacturer.  
5. US EPA Title III List of Lists  
6. California Proposition 65 List  
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal

**Preparation Date (dd/mm/yyyy)** : 22/08/2024

**Regulation and Procedure** :

Based on expert judgement: not regulated  
H-phrases (full-text)  
H351 - Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

|   |  |
|---|--|
| <p><b>Prepared for:</b><br/>Rosco Laboratories Inc.<br/>52 Harbor View Avenue<br/>Stamford, CT, United States, 06902<br/>Telephone: +001 203 708 8900</p> |  |
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