

ROSCO

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 FLEXBOND
Product Code	150 07500
Alternate Product Code	None
Product Class	Water Thinned Paint
Color	White Clear
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

Not classified

2.2. Label elements

Product Identifier

GHS-US Labeling

Precautionary Statements (GHS-US): P280 – Wear protective gloves, protective clothing, and eye protection.
P308+P313 – If exposed or concerned: Get medical advice/attention.

Signal word

None

2.3. Other hazards

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

44.48 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

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
Vinyl acetate polymer		9003-20-7	3 – 7		
Propanol, oxybis-, dibenzoate		27138-31-4	7 – 13		

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

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures**General Advice**

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Eye Contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists.

Skin Contact

Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

Inhalation

Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Ingestion

Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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

None expected under normal conditions of use.

Eye Contact

May cause eye irritation.

Skin Contact

May cause skin irritation.

Inhalation	May cause respiratory irritation.
Ingestion	Ingestion is likely to be harmful or have adverse effects.

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

General	If you feel unwell, seek medical advice (show the label when possible).
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Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media	Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media	Do not use heavy water stream. Use heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire Hazard	May be combustible at high temperature.
Explosion Hazard	Explosive when mixed with oxidizing substances.
Reactivity	Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

5.3. Advice for firefighters

Precautionary Measures Fire	Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.
Firefighting Instructions	Use water spray or fog for cooling exposed containers. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
Protection During Firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products	Under fire conditions this material may produce hazardous carbon dioxide (CO ₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.
Reference to Other Sections	Refer to section 9 for flammability properties.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions	Avoid all unnecessary exposure. Do not allow contact with incompatible materials (see section 10).
For Non-Emergency Personnel	Protective Equipment: Use appropriate personal protection equipment (PPE). Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel	Protective Equipment: Equip cleanup crew with proper protection. Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.
Other Information	Observe all relevant local and international regulations.
<u>6.2. Environmental precautions</u>	
Environmental precautions	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
<u>6.3. Methods and material for containment and cleaning up</u>	
Methods for Containment	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Do not take up in combustible material such as: saw dust or cellulosic material.
Methods for Cleaning Up	Clear up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Use only non-sparking tools.
<u>6.4. Reference to other sections</u>	
Other information	See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling	Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Technical Measures	Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.
Storage	Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep in fireproof place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible Materials	Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Specific Uses No use is specified.

Risk Management Methods (RMM) Not applicable.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

8.2. Exposure controls**Occupational exposure controls****Engineering Measures**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure, but are not required. Product to be handled under strictly controlled conditions. Ensure all national/local regulations are observed. Gas detectors should be used when flammable gases or vapors may be released. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits.

Personal Protective Equipment

Protective clothing. Insufficient ventilation: wear respiratory protection.

Respiratory Equipment

If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Eye Protection

In case of splash hazard: chemical goggles or safety glasses.

Skin Protection

Wear suitable protective clothing.

Hand Protection

In case of repeated or prolonged contact wear gloves.

Materials for Protective Clothing

Chemically resistant materials and fabrics.

Environmental Exposure Controls

Do not allow the product to be released into the environment.

Consumer Exposure Controls

Do not eat, drink, or smoke during use.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	White
Odor	Mild
Odor Threshold	Not available

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
Density (g/L)	No information available	None known
Relative Density	1.08 g/mL	None known
pH	4.0-6.0	None known
Viscosity (cps)	2,000 – 2,800 cps @ 25 °C (77 °F)	None known
Solubility(ies)	Moderately soluble in water	None known
Water solubility	No information available	None known
Evaporation Rate	1 [<i>Ref Std: Water = 1.0</i>]	None known
Vapor pressure	17.5mm Hg @ 20 °C (68 °F)	None known
Vapor density	No information available	None known
Wt. % Solids	58± 2%	None known
Vol. % Solids	No information available	None known
Wt. % Volatiles	0 g/L (0 lbs/gal)	None known
Vol. % Volatiles	No information available	None known
Boiling Point (°C)	100 °C (212 °F) (aqueous phase)	None known
Freezing Point (°C)	Product may be irreversibly damaged below 5°C (41 °F)	None known
Melting Point (°C)	Not applicable	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:	Not applicable	None known
Lower flammability limit:	Not applicable	None known
Autoignition Temperature (°C)	Not applicable	None known
Decomposition Temperature (°C)	No information available	None known
Partition coefficient	No information available	None known
Explosive properties	Not expected to present an explosion due to mechanical impact	None known
	Not expected to present an explosion due to static discharge	None known
Oxidizing Properties	No information available	None known
Specific Gravity	1.08 @ 25 °C (77 °F)	None known

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity

Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

10.2. Chemical stability

Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

Hazardous reactions will not occur under normal conditions.

10.4. Conditions to avoid

Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

10.5. Incompatible materials

Incompatible Materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products**Hazardous decomposition products**

Under fire conditions this material may produce hazardous carbon dioxide (CO₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

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.
Ingestions	There is no data available for this product.

Acute Toxicity

Not classified

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Vinyl acetate polymer 9003-20-7	N/A	N/A	N/A
Propanol, oxybis-, Dibenzoate 27138-31-4	N/A	N/A	N/A

Skin corrosion/irritation	Not classified
Eye damage/irritation	Not classified
Sensitization	Not classified
Mutagenic Effects	Not classified

Carcinogenic Effects

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

Chemical name	European Union	IARC
Vinyl acetate polymer 9003-20-7		3

Legend

IARC – International Agency for Research on Cancer

NTP – National Toxicity Program

OSHA – Occupational Safety & Health Administration

Reproductive Effects	Not classified
Developmental Effects	Not classified
STOT – single exposure	Not classified

STOT – repeated exposure	Not classified
Neurological Effects	Not classified
Target organ effects	Not classified
Symptoms	May cause respiratory, skin, eye irritation. Ingestion likely to be harmful or have adverse effects.
Aspiration Hazard	Not classified

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 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

Chemical name	PBT and vPvB assessment
Vinyl acetate polymer 9003-20-7	The substance is not PBT / vPvB PBT assessment does not apply
Propanol, oxybis-, Dibenzoate 27138-31-4	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Other adverse effects

Other adverse effects Avoid release to the environment.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Contaminated Packaging No information available

EWC waste disposal No	No information available
Other information	This material is hazardous to the aquatic environment. Keep out of sewers and waterways. Avoid release to the environment.

Section 14: TRANSPORT INFORMATION

IMDG	Not regulated
RID	Not regulated
ADR	Not regulated
AND	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)

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	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.

15.2 Chemical safety assessment

Chemical Safety Report	No information available
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Section 16: OTHER INFORMATION

Classification procedure	Expert judgment and weight of evidence determination
Key literature references and sources for data	Data from internal and external sources
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Disclaimer

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End of Safety Data Sheet