



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 COLORCOAT WB ACRYLIC BLACK GLOSS
Product Code	RF5634
Alternate Product Code	XY7280
Product Class	Water thinned paint
Color	Black
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

Chronic aquatic toxicity	Category 3 - (H412)
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2.2. Label elements

Product Identifier

Hazard statements

H412 - Harmful to aquatic life with long lasting effects

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Precautionary Statements - EU (§28, 1272/2008)

P273 - Avoid release to the environment

P501 - Dispose of contents/container to industrial incineration plant

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
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanedio	246-771-9	25265-77-4	>=1 - <5	Not available	01-2119441305-48-0013
2-Butoxyethanol	203-905-0	111-76-2	>=1 - <5	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Acute Tox. 4 (H332) Eye Irrit. 2 (H319) STOT SE 3 (H335)	Not available
Carbon black	215-609-9	1333-86-4	>=1 - <5	Not available	Not available
Ammonia	231-635-3	7664-41-7	>=0.1 - <0.3	Press. Gas Flam. Gas 2 (H221) Acute Tox. 3 (H331) Skin Corr. 1B (H314) STOT SE 3 (H335) 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.

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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 None known.

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

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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	
2-Butoxyethanol 111-76-2	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ *	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³ skin	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ S*	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ S*	TWA: 10 ppm TWA: 49 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ *	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ Sk*	
Carbon black 1333-86-4	-	TWA: 3 mg/m ³	-	-	TWA: 3.5 mg/m ³	TWA: 3 mg/m ³ STEL: 15 mg/m ³	
Chemical name	Germany	Greece	Hungary	Iceland	Italy	Latvia	
2-Butoxyethanol 111-76-2	TWA: 10 ppm TWA: 49 mg/m ³ H*	TWA: 25 ppm TWA: 120 mg/m ³ S*	STEL: 246 mg/m ³ TWA: 98 mg/m ³ potential for cutaneous absorption	20 ppm TWA 100 mg/m ³ TWA 25 ppm TWA 50 ppm STEL 246 mg/m ³ STEL Skin	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ pelle*	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246 mg/m ³ S*	
Carbon black 1333-86-4	-	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³	-	3.5 mg/m ³ TWA	-	-	
Chemical name	Lithuania	Netherlands	Poland	Romania	Spain	Sweden	United Kingdom
2-Butoxyethanol 111-76-2	TWA: 10 ppm TWA: 50 mg/m ³ STEL: 20 ppm STEL: 100	TWA: 100 mg/m ³ STEL: 246 mg/m ³ H*	STEL: 200 mg/m ³ TWA: 98 mg/m ³	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 246	TWA: 20 ppm TWA: 98 mg/m ³ STEL: 50 ppm STEL: 245	TLV: 10 ppm TLV: 50 mg/m ³ STEL: 50 ppm STEL: 246	TWA: 25 ppm TWA: 123 mg/m ³ STEL: 50 ppm STEL: 246

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	mg/m ³ S*			mg/m ³ S*	mg/m ³ vía dérmica*	mg/m ³ skin	mg/m ³ Sk*
Carbon black 1333-86-4	-	-	TWA: 4 mg/m ³	-	TWA: 3.5 mg/m ³	TLV: 3 mg/m ³	TWA: 3.5 mg/m ³ STEL: 7 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

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
Density (g/L)	1006 - 1054	None known
Relative Density	1.00 - 1.05	
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	35 - 45	None known
Wt. % Volatiles	55 - 65	None known
Vol. % Volatiles	55 - 65	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

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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	There is no data available for this product.
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 (dermal)	53,027.90 mg/kg
ATEmix (inhalation-dust/mist)	357.45 mg/l
ATEmix (inhalation-vapor)	729.50 mg/l

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Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol 25265-77-4	= 3200 mg/kg (Rat)	> 15200 mg/kg (Rat)	
2-Butoxyethanol 111-76-2	= 1300 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 4.9 mg/L (Rat) 3H
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	
Ammonia 7664-41-7	= 350 mg/kg (Rat)		= 2000 ppm (Rat) 4 h

Skin corrosion/irritation

No information available.

Eye damage/irritation

No information available.

Sensitization

No sensitizing effects known.

Mutagenic Effects

No information available.

Carcinogenic effects

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

Chemical name	European Union	IARC
Carbon black 1333-86-4		2B - Possible Human 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

Harmful to aquatic life with long lasting effects

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Chemical name	Algae/aquatic plants	Fish	Crustacea
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol 25265-77-4	EC50: =18.4mg/L (72h, Pseudokirchneriella subcapitata)	LC50: =30mg/L (96h, Pimephales promelas)	LC50: >95mg/L (96h, Daphnia magna)
2-Butoxyethanol 111-76-2		LC50: =1490mg/L (96h, Lepomis macrochirus) LC50: =2950mg/L (96h, Lepomis macrochirus)	EC50: 1698 - 1940mg/L (24h, Daphnia magna) EC50: >1000mg/L (48h, Daphnia magna)
Carbon black 1333-86-4			EC50: >5600mg/L (24h, Daphnia magna)
Ammonia 7664-41-7		LC50: 0.26 - 4.6mg/L (96h, Lepomis macrochirus) LC50: 0.73 - 2.35mg/L (96h, Pimephales promelas) LC50: =0.44mg/L (96h, Cyprinus carpio) LC50: =1.17mg/L (96h, Lepomis macrochirus) LC50: =1.19mg/L (96h, Poecilia reticulata) LC50: =5.9mg/L (96h, Pimephales promelas) LC50: >1.5mg/L (96h, Poecilia reticulata)	LC50: =25.4mg/L (48h, Daphnia magna)

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
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol 25265-77-4	3.47
2-Butoxyethanol 111-76-2	0.81
Ammonia 7664-41-7	-1.14

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
Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol 25265-77-4	The substance is not PBT / vPvB
2-Butoxyethanol 111-76-2	The substance is not PBT / vPvB
Carbon black 1333-86-4	The substance is not PBT / vPvB PBT assessment does not apply
Ammonia 7664-41-7	The substance is not PBT / vPvB PBT assessment does not apply

12.6. Other adverse effects

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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

<u>IMDG</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated
<u>IATA</u>	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
2-Butoxyethanol 111-76-2	RG 84
Carbon black 1333-86-4	RG 16, RG 16bis

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	No - Not all of the components are listed.
EINECS: European Union	One or more component is listed on NDSL. No - Not all of the components are listed.

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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/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

H221 - Flammable gas
 H302 - Harmful if swallowed
 H312 - Harmful in contact with skin
 H314 - Causes severe skin burns and eye damage
 H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H331 - Toxic if inhaled
 H332 - Harmful if inhaled
 H335 - May cause respiratory irritation
 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

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materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, provincial, and local laws and regulations.

End of Safety Data Sheet