



SAFETY DATA SHEET

Company: **RACING COLORS, S.L.**

RACINGCOLORS

Product name: **Topcoat for metallization CF-4**

Issued on 07/02/2011 - Rev. n. 1 - 07/02/2011 - According to ANSI Z400.1/129.1-2010

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Section 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identification

Trade name: Topcoat for metallization
Trade code: CF-4

1.2. Details of the supplier of the safety data sheet

Racing Colors, s.l.

Av. Carrilet, 251

08907 L'Hospitalet de Llobregat, Barcelona, SPAIN

www.racingcolors.com mail: admin@racingcolors.com

1.3. Product Uses

Recommended uses: Coating application.
Not recommended advised: None in particular

1.4. Emergency phone number

RACING COLORS, s.l. - Ivan Cureses +34 93.278.27.34

Section 2. HAZARDS IDENTIFICATION

2.1. EMERGENCY OVERVIEW

Appearance / Odor: Liquid / Characteristic

DANGER

FLAMABLE LIQUID AND VAPOUR

CAUSES HEADACHE, DROWSINESS OR OTHER EFFECTS
TO THE CENTRAL NERVOUS SYSTEM

HARMFUL IN CONTACT WITH SKIN OR IF INHALED

CAUSES SKIN IRRITATION

CAUSES SERIOUS EYE DAMAGE

VERY TOXIC TO AQUATIC ORGANISMS

MAY CAUSE CANCER BASED ON ANIMAL STUDIES

HEALTH	3
FIRE	3
REACTIVITY	0
SPECIFIC	

2.2. POTENTIAL HEALTH EFFECTS

See Section 11 for more information.

Relevant routes of exposure: Skin contact, eye contact, inhalation and ingestion.

Eye: Causes eye irritation.

Skin: May be harmful if absorbed through skin. Causes skin irritation..

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation. Vapours may cause drowsiness and dizziness.

Chronic effects: Repeated exposure may cause skin dryness or cracking.

Medical condition aggravated by exposure: May cause more significant skin irritation in people with pre-existing skin conditions.

Target organs: Skin, Eyes, Respiratory apparatus, Central Nervous System.



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Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Composition/information on ingredients

Ingredient	Wt %	CEE #	CAS #	EINECS #
n-Butyl acetate	10 ÷ 20	607-025-00-1	123-86-4	204-658-1
Xilene	10 ÷ 20	601-022-00-9	1330-20-7	215-535-7
Ethylbenzene	1 ÷ 5	601-023-00-4	100-41-4	202-849-4
Hydroxyphenyl-benzotriazole derivatives	1 ÷ 5	607-176-00-3	-	400-830-7
Decanedioic acid ,1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester	0.1 ÷ 1	-	41556-26-7	255-437-1
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	0.1 ÷ 1	-	82919-37-7	280-060-4

Section 4. FIRST AID MEASURES

Eye contact:	Rinse thoroughly with plenty of water for at least 20 minutes and consult a physician.
Skin contact:	Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
Inhalation:	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Ingestion:	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
General Advice:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Section 5. FIRE FIGHTING MEASURES

5.1. Flammable properties

FLAMMABLE by NFPA criteria (FIRE 3).

5.2. Extinguish media

Suitable extinguish media

In case of fire, use water fog, dry chemical, CO₂ or "alcohol- resistant" foam.

Unsuitable extinguish media

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.3. Protection of firefighters

Specific hazards arising from the chemical

Product of combustion: May include, and are not limited to CO and CO₂.

Protective equipment and precautions for firefighters

Use protection for the breathing apparatus.

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction.

You may also use self-respirator, especially when working in confined and poorly ventilated spaces and in any case if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...).

Keep containers cool with water spray.

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Section 6. ACCIDENTAL RELEASE MEASURES**6.1. Personal precaution****For non-emergency personnel**

Leave the area surrounding the spill or release. Do not smoke. Wear gloves and protective clothing

For emergency responders

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert

6.2. Environmental precautions

Contain spill.

Inform the competent authorities.

Discharge the remains in compliance with the regulations.

6.3. Methods for containment

Recover the product for reuse, if possible, or the removal.

After wiping up, wash with water the area and materials involved

6.4. Methods for clean-up

Soak into absorbent material. Spills of this material are slipping hazard. Thoroughly wash the area with water after spills or leak. Allow vapor to dissipate into the atmosphere.

6.5. Other information

No other information.

6.6. Spill or leak statements by type of chemicals

Eliminate all ignition sources. Use appropriate personal protective equipment (PPE). Absorb and/or contain spill with inert materials, then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Do not flush to sewer. Prevent run-off from entering drains, sewers or waterways.

Section 7. HANDLING AND STORAGE**7.1. Handling**

Keep away from heat, sparks and flame. Keep container tightly closed. Use only with adequate ventilation. Avoid contact with skin and clothing. Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Do NOT breathe vapor.

7.2. Storage

Stable at room temperature

Avoid high temperature; vessel can be over pressured; open in open air. Do not seal container.

Keep in original container closed. Do not store in open or unlabeled containers. Store in a cool place, away from sources of heat and direct exposure of sunlight.



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Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Exposure guidelines**

n-Butyl acetate:	TWA: 150ppm, STEL: 200ppm (ACGIH) TWA: 150ppm (OSHA PEL)
Xylene:	TWA: 100ppm, 435mg/m ³ (OSHA, ACGIH) STEL: 150ppm, 655mg/m ³ (OSHA, ACGIH)
Ethylbenzene:	TWA= 100 ppm, 434mg/m ³ (ACGIH) STEL= 125 ppm, 543mg/m ³ (ACGIH)

8.2. Engineering control

Use adequate ventilation to keep airborne concentrations below exposure limits.

8.3. Personal Protective Equipment (PPE)

Eyeface protection	Use chemical splash goggles and face shield
Skin protection	Wear suitable protective clothing and gloves.
Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
General hygiene considerations	Wash thoroughly after handling. Have eye-wash facilities immediately available.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Colorless
Odor:	Characteristic
Odor threshold:	Not available
Physical state:	Liquid
pH:	Not available
Melting/freezing point:	Not available
Initial boiling point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas):	Not relevant
Upper flammability limit:	1% (Xylene)
Lower flammability limit:	9% (Xylene)
Vapor pressure:	Not available
Vapor density:	Not available
Relative density:	Not available
Solubility:	Not available
Water solubility:	Not soluble
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available
Volatile Organic Compounds (VOC) content:	42%



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Section 10. STABILITY AND REACTIVITY

10.1. Reactivity

No reactivity hazards.

10.2. Possibility of hazardous reactions

Stable under normal condition of use.

10.3. Chemical stability

No hazardous reaction under normal condition.

10.4. Conditions to avoid

Avoid contact with combustible material. The product could catch fire.

10.5. Incompatible materials

It can react exothermically in contact with oxidizers.

10.6. Hazardous decomposition products

CO – CO₂

Section 11. TOXICOLOGICAL INFORMATION

No data obtained for this or similar products.

11.1. ACUTE EFFECTS

Ingredient	LD50		
	Oral	Inhalation	Dermal
n-Butyl acetate	2,520 mg/kg (rat)	4 h - 1500 mg/l (rat)	13,500 mg/kg (rabbit)
Xilene	4,300 mg/kg (rat)	4 h - 5000 mg/l (rat)	1,700 mg/kg (rabbit)
Ethylbenzene	3,500 mg/kg (rat)	4 h - 5000 mg/l (rabbit)	17.2 mg/kg (rat)
Hydroxyphenyl-benzotriazole derivatives	n.d.a.	n.d.a.	n.d.a.
Decanedioic acid ,1,10-bis(1,2,2,6,6-pentamethyl-4-piperidiny)ester	n.d.a.	n.d.a.	n.d.a.
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	n.d.a.	n.d.a.	n.d.a.

Eye: Rinse thoroughly with plenty of water for at least 20 minutes and consult a physician.

Skin: Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Ingestion: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Inhalation: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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11.2. CHRONIC EFFECTS

Target organs:

Skin, Eyes, Respiratory apparatus, Central Nervous System.

Chronic Effects:

Repeated exposure may cause skin dryness or cracking.

Carcinogenicity:

This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.

Ingredient	Chemical listed as Carcinogen or Potential Carcinogen
n-Butyl acetate	Not listed
Xilene	IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Xylene)
Ethylbenzene	IARC: Group 2B - Possibly carcinogenic to humans (Ethylbenzene)
Hydroxyphenyl-benzotriazole derivatives	Not listed
Decanedioic acid ,1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester	Not listed
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	Not listed

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Developmental Effects:

No data available

Respiratory Sensitization:

No data available

Skin Sensitization:

No data available .

Toxicological Synergistic Material:

No data available.

Section 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ingredient	LC50	EC50
n-Butyl acetate	420 mg/l - 96 h Lepomis macrochirus (Bluegill)	9,000 mg/l - 24 h Daphnia magna (Water flea)
Xilene	2 mg/l - 96 h Morone saxatilis	75.49 mg/l - 24 h Daphnia magna (Water flea)
Ethylbenzene	88 mg/l - 96 h Lepomis macrochirus (Bluegill)	2.9 mg/l - 24 h Daphnia magna (Water flea)
Hydroxyphenyl-benzotriazole derivatives	n.d.a.	n.d.a.
Decanedioic acid ,1,10-bis(1,2,2,6,6-pentamethyl-4-piperidinyl)ester	n.d.a.	n.d.a.
Methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate	n.d.a.	n.d.a.

Minimize product release in the environment.

12.2. Persistence and degradability

Not easily biodegradable.

12.3. Bioaccumulative potential

Low bioaccumulation potential.

12.4. Mobility in soil

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Moderate mobility in soil.

12.5. Other adverse effects

No adverse effects found

Section 13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies. Recover if possible. Operate according to local or national regulations.

Section 14. TRANSPORT INFORMATION**14.1. US DOT**

1263

If subject to the following characteristics is ADR exempt:

Combination packaging: per inner packaging 5 L per package 30 Kg

Inner packaging placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 5L per package 20Kg

**14.2. UN proper shipping name**

PAINT or PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

Class: 3

Label: 3

Tunnel restriction code: D/E

Limited quantities: 5 L

EmS: F-E, S-E

14.4. Packing group

III

14.5. Environmental hazards

Product is environmentally hazardous

Marine polluting agent: Not

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

Canadian TDG (ground): See US DOT**ICAO (air):** See US DOT**IMDG (water):** See US DOT**Section 15. REGULATORY INFORMATION**

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US: MSDS prepared in accordance to the Hazard Communication Standard (CFR 29 1910/1200) and Hazard Evaluation and Safety Data Sheet and Precautionary Labeling Preparation (ANSI Z400.1/Z129.1-2010)

California Proposition 65: WARNING! This product contains a chemical known in the State of California to cause cancer:

- Ethylbenzene (cancer, June 11, 2004)



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SARA Title III

Ingredient	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313
n-Butyl acetate	Not listed	Not listed	5,000	Not listed
Xilene	Not listed	Not listed	100	313
Ethylbenzene	Not listed	Not listed	1,000	313
Hydroxyphenyl-benzotriazole derivatives	Not listed	Not listed	Not listed	Not listed
Decanedioic acid ,1,10- bis(1,2,2,6,6-pentamethyl-4- piperidiny)ester	Not listed	Not listed	Not listed	Not listed
Methyl 1,2,2,6,6-pentamethyl-4- piperidyl sebacate	Not listed	Not listed	100	313#

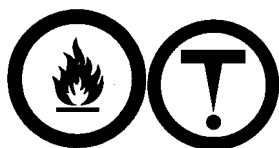
Global Inventories

Ingredient	Canada DSL/NDL	USA TSCA
n-Butyl acetate	Listed	Listed
Xilene	Listed	Listed
Ethylbenzene	Listed	Listed
Hydroxyphenyl-benzotriazole derivatives	Listed	Listed
Decanedioic acid ,1,10- bis(1,2,2,6,6-pentamethyl-4- piperidiny)ester	Listed	Listed
Methyl 1,2,2,6,6-pentamethyl-4- piperidyl sebacate	Listed	Listed

WHMIS: Canadian Workplace Hazardous Material Information System

B2 Flammable liquid
D2A Very toxic
D2B Skin/Eye irritation

WHMIS Hazard Symbols:





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Section 16. OTHER INFORMATION

NFPA 704: National Fire Protection Association

Health = 3 Fire = 3 Reactivity = 0

HMIS III: Hazardous Material Identification System

Health = 3 Flammability = 3 Physical Hazards = 0

Version #: 1

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