

Safety Data Sheet

Promat

according to 1907/2006/EC

Trade name: **Cafco®-TOPCOAT 200**Issue date: 02.12.2011
Supersedes version: 17.06.2011

1. Identification of product and company

Identification of the substance/
preparation (Trade name):

Cafco®- TOPCOAT 200

Use of the substance / preparation:

Cafco®- TOPCOAT 200 is water based, acrylic polymer for use as a water vapor permeable topcoat with excellent adhesion.

Company:

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2. Hazards Identification

Indication of the hazards:

Classified as harmful to aquatic organisms according to 67/548/EEC or 1999/45/EC.

Environmental hazard:

R 52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.

3. Composition / Information on ingredients:

Description:

Water based acrylic polymer

Chemical characterisation:

This product is a preparation

Representative dangerous substances:

CAS-Nr.	Substance	Weight-%	EINECS	Symbols	R-Phrases
108-01-0	2-Dimethylaminoethanol	Between 0,01 and 1 %	203-542-8	Xn C	R10 R20/21/22 R34
111-46-6	Dietethylene-Glycol/2,2'-Oxydiethanol	Between 0,01 and 1 %	203-872-2	Xn	R22
109909-39-9	Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(2,4,6-tris(1-methylpropyl)phenoxy)-sodium salt	Between 0,01 and 1 %	-	Xi	R41 R52/53
1314-13-2	Zinc Oxide	Between 0,01 and 1 %	215-222-5	N	R50-53
10605-21-7	Carbendazim	Between 0,01 and 0.1 %	234-232-0	Muta Cat 2 Repr Cat 2 Repr Cat 2 N	R46 R60 R61 R50/53
26530-20-1	2-Octyl-2H-Isothiasol-3-One	Between 0,01 and 1 % (≥ 0.05%)	247-761-7	T Xn C N	R23/24 R22 R34 R43 R50-53
330-54-1	Diuron	Between 0.025 and 0.25 %	206-354-4	Carc.Cat 3 Xn N	R40 R22-48/22 R50-53

Other substances with specific occupational exposure limits:

The other substances do not have specific occupational exposure limits.

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4. First aid measures

Inhalation:	Remove to fresh air. Rinse throat with water. In case of symptoms, seek medical advice.
Ingestion:	Rinse mouth with water and drink plenty of water. Do not induce vomiting. Seek immediately medical advice.
Skin contact:	Remove contaminated clothing. Wash immediately and thoroughly exposed skin area with soap and water. Seek medical attention if irritation or symptoms persist.
Eye contact:	Do not rub the eye. Remove any contact lenses. Promptly wash affected eyes under running water for at least 15 minutes, holding eyelid open. Seek medical attention if irritation or symptoms persist.

5. Fire fighting measures

Suitable extinguishing media:	—
Unsuitable extinguishing media:	—
Specific hazards of the substance or preparation itself, combustions products or resulting gases:	—
Special protective equipment for fire fighting:	Do not enter fire area without proper protective equipment, including respiratory protection.
Additional information:	Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter the environment.

6. Accidental spill / release measures

Individual precautions:	Avoid contact with eyes and skin. Wear suitable work clothes.
Environmental precautions:	Clean up immediately all accidental spillage. Do not discharge into sanitary sewer, drains or watercourses. Avoid additional spillages.
Methods for cleaning up:	Large spillages should be contained and pumped into a receiving vessel. Small spillages should be absorbed with inert absorbant. Keep contaminated material in closed containers for disposal. Clean spillage area thoroughly with plenty of water.

7. Handling and storage

Handling:	
Precautions for safe handling:	Avoid contact with eyes and skin. Do not breathe vapors by opening the drum. Use individual protection. Ensure adequate ventilation of the working area.
Storage:	Store in dry area, protected from frost and direct sunlight. Keep in original drum.

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8. Exposure controls / Personal protection

EXPOSURE LIMIT VALUES:	No special measures required provided the product is handled and applied under the general rules of hygiene and safety at the workplace.
EXPOSURE CONTROLS:	
Workplace exposure controls:	Ensure adequate ventilation of the working area. Where practicable, use local exhaust ventilation.
Individual protection controls:	
Hygiene measures:	Wash hands before breaks and at the end of the working day. Do not eat, drink or smoke when handling or applying the product. Immediately remove all contaminated clothing. Wash contaminated clothing before reuse.
Respiratory protection:	Do not breathe vapor. Use appropriate individual protective equipment.
Skin/hand protection:	Avoid hand and skin contact. Wear suitable protective work clothing. Wear chemical resistant gloves (PVC or rubber).
Eye protection:	Use safety goggles.

9. Physical and chemical properties

Appearance:

Supply form:

Liquid in plastic or steel drums.

Colour:

Matt white or grey.

Odour:

Slight.

Important safety parameters:

Weight per litre:

1.4 kg/l

Viscosity:

medium - high

10. Stability and reactivity

Stability:	Stable under normal conditions.
Conditions to avoid	Direct sunlight. Heat.

11. Toxicological information

Acute toxicity:	No data is available on this product. No acute toxic effects were observed.
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12. Ecological information

Ecotoxicity:	Do not discharge into sanitary sewer, drains or watercourses. The product contains substances that are harmful to aquatic environment. Avoid discharge into the environment.
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13. Disposal considerations

Product disposal:	Dispose in accordance with local laws.
Packaging disposal:	Dispose in accordance with local laws.

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14. Transport information

Road transport:	Not classified.
Inland shipping transport:	Not classified.
Sea shipping transport:	Not classified.
Air transport:	Not classified.

15. Regulatory information

Labeling according to EEC – Directives:	According to the European Directive 2004/73/EC on classification and labeling, adapted by the Directive 67/548/EEC and 1999/45/EC.
Classification of the preparation and danger indication:	None
Specific provisions in relation to protection of man and environment:	
Hazards / R phrases	R 52/53 R43
Safety advices / S phrases:	S35-S59-S60-S61

16. Other information

List of relevant R and S Phrases:	R 10: Flammable. R 20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R 22: Harmful if swallowed. R 23/24: Toxic by inhalation and in contact with skin. R 34: Causes burns. R 40: Limited evidence of a carcinogenic effect. R 41: Risk of serious damage to eyes. R 43: May cause sensitization by skin contact. R46: May cause heritable genetic damage. R 48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed. R 50: Very toxic to aquatic organisms. R 52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment. R 53: May cause long-term adverse effects in the aquatic environment. R 60: May impair fertility. R 61: May cause harm to the unborn child. S 35: This material and its container must be disposed of in a safe way. S 59: Refer to manufacturer/supplier for information on recovery/recycling. S 61: Avoid release to the environment. Refer to special instructions/safety data sheets.
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The recommendations for use and installation of the product have to be followed as indicated in the suitable handbooks or guidelines.

The health and safety information contained herein is believed to be accurate and correct based on our current knowledge at the date of issue and no liability can be accepted for any loss, injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use under normal conditions, but does not necessarily refer to the particular requirements of a customer when further advice should be obtained.

This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.

This data sheet has been revised according to the Regulation (EC) N° 1907/2006 of 18 December 2006. (OJ 29.5.2007, L136/3)

Changes from the previous version of 17.06.2011:

- section 3 – table, 5th line (CAS-Nr 10605-21-7), 3rd column: limits changed from "0.01 and 1%" to "0.01 to 0.1%"
- section 3 – table, 5th line (CAS-Nr 10605-21-7), 5th and 6th column: added "Repr. Cat. 2 R60
- section 16 – List of relevant R and S phrases: R60 and R61.