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:**
   Promat UK Ltd
   The Sterling Centre
   Eastern Road
   Bracknell
   GB – Berkshire RG12 2TD
   tel: 01344 381 400
   fax: 01344 381 401
   e-mail: technicaluk@promat.co.uk

   **Emergency telephone:** + 44 (0) 1344 381 400

2. **Hazards Identification**

   **Indication of the hazards:**
   R 43: May cause sensitization by skin contact.

   **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:**

<table>
<thead>
<tr>
<th>CAS-Nr.</th>
<th>Substance</th>
<th>Weight-%</th>
<th>EINECS</th>
<th>Symbols</th>
<th>R-Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-01-0</td>
<td>2-Dimethylaminoethanol</td>
<td>Between 0,01 and 1 %</td>
<td>203-542-8</td>
<td>Xn C</td>
<td>R10 R20/21/22 R34</td>
</tr>
<tr>
<td>111-46-6</td>
<td>Dietethylene-Glycol/2,2'-Oxydiethanol</td>
<td>Between 0,01 and 1 %</td>
<td>203-872-2</td>
<td>Xn</td>
<td>R22</td>
</tr>
<tr>
<td>109909-39-9</td>
<td>Poly(oxy-1,2-ethanediyl),</td>
<td>Between 0,01 and 1 %</td>
<td>-</td>
<td>Xi</td>
<td>R41 R52/53</td>
</tr>
<tr>
<td></td>
<td>alpha-sulfo-omega-(2,4,6-tris(1-methylpropyl)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>phenoxy)-sodium salt</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1314-13-2</td>
<td>Zinc Oxide</td>
<td>Between 0,01 and 1 %</td>
<td>215-222-5</td>
<td>N</td>
<td>R50/53</td>
</tr>
<tr>
<td>10605-21-7</td>
<td>Carbendazim</td>
<td>Between 0,01 and 0.1 %</td>
<td>234-232-0</td>
<td>Muta Cat 2 Repr Cat 2 Repr Cat 2</td>
<td>R46 R60 R61 R50/53</td>
</tr>
<tr>
<td>26530-20-1</td>
<td>2-Octyl-2H-Isothiasol-3-One</td>
<td>Between 0.05 % and 0.08 %</td>
<td>247-761-7</td>
<td>T Xn C N</td>
<td>R23/24 R22 R34 R43 R50/53</td>
</tr>
<tr>
<td>330-54-1</td>
<td>Diuron</td>
<td>Between 0.10 % and 0.20 %</td>
<td>206-354-4</td>
<td>Carc.Cat 3 Xn N</td>
<td>R40 R22-R48/22 R50-53</td>
</tr>
</tbody>
</table>

   **Other substances with specific occupational exposure limits:**
   The other substances do not have specific occupational exposure limits.
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, combustion 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:**
Avoid contact with eyes and skin.

**Precautions for safe handling:**
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.
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

<table>
<thead>
<tr>
<th>Appearance:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply form: Liquid in plastic or steel drums.</td>
</tr>
<tr>
<td>Colour: Matt white or grey.</td>
</tr>
<tr>
<td>Odour: Slight.</td>
</tr>
</tbody>
</table>

**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.

12. Ecological information

**Ecotoxicity:** The product contains substances that are harmful to aquatic environment. Avoid discharge into the environment.

13. Disposal considerations

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

**Packaging disposal:** Dispose in accordance with local laws.
14. Transport information

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

15. Regulatory information


Classification of the preparation and danger indication:

Xi: Irritant

Specific provisions in relation to protection of man and environment:

Hazards / R phrases
R43
R 52/53

Safety advices / S phrases:
S24-S35-S36-S37-S51-S59-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 50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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 24: Avoid contact with skin.
S 35: This material and its container must be disposed of in a safe way.
S 36: Wear suitable protective clothing.
S 37: Wear suitable gloves.
S 51: Use only in well-ventilated areas.
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.
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 to the previous version of 02.12.2011:
- section 1: emergency telephone number added
- section 3: CAS# 330-54-1: between 0.10 and 0.20 %
- section 3: CAS # 26530-20-1: between 0.05 and 0.08%
- section 15: added Xi, S24-S36-S37-S51. Deleted S60.
- section 16: added R 50/53, S24-S36-S37-S51 to the list.