

DATE: 07.18.06 REVISION: 1

1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 Identification of the Product WILFLEX OASIS™ LOW CROCK
- 1.2 Company undertaking identification MAGNA COLOURS LIMITED
Dodworth Business Park
Upper Cliffe Road
Dodworth
BARNSELEY S75 3SP
England



- 1.3 Marketed by PolyOne Corporation, 8155 Cobb Center Drive, Kennesaw, GA 30152 U.S.A.
Emergency telephone no(s): U.K.: +44 (01226) 731751 or +44 (07808) 917935
CHEMTREC: 1-800-424-9300
24 hours for spill, leak, fire, exposure, or accident

2 COMPOSITION/INFORMATION ON INGREDIENTS

Polyurethane, aqueous dispersion.

| <u>Substance</u> | <u>% Present</u> | <u>EC Classification</u> | <u>R-phrases</u> |
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3 HAZARDS IDENTIFICATION

The product does not need to be labelled in accordance with EC directives or respective national laws.

4 FIRST AID MEASURES

- General: - Take off immediately all contaminated clothing.
Show this safety data sheet to the doctor in attendance.
- 4.1 Inhalation: - Move to fresh air in case of accidental inhalation of vapours/dusts. Obtain medical attention if necessary.
- 4.2 Skin Contact: - Wash with plenty of water and mild detergent. Consult a doctor if necessary.
- 4.3 Eye Contact: - Rinse with plenty of water for at least 15 minutes. Keep eye wide open when rinsing.
Obtain medical attention.
- 4.4 Ingestion: - Rinse mouth. (Never give anything by mouth to an unconscious person). Do not induce vomiting. Obtain medical attention immediately. Keep warm and in a quiet place.

5 FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media: Suitable - Water, Water spray, dry powder, sand, foam.
- 5.2 If involved in a fire: - In the event of a fire, carbon monoxide, nitrogen oxides, isocyanate vapour, and traces of hydrogen cyanide may be released.
- 5.3 Special hazards: - The product itself does not burn.

6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: Use personal protective equipment. Keep people away from an up wind of spill/leak.
- 6.2 Environmental Precautions: Do not let product enter drains. Avoid subsoil penetration.
- 6.3 Cleaning Measures: Soak up with inert absorbent material. Shovel into suitable container for disposal.
After cleaning, flush away traces with water.

7 HANDLING AND STORAGE

- 7.1 Handling: Use only in area provided with appropriate exhaust ventilation.
- 7.2 Storage: Keep tightly closed. Do not freeze.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 General: Ensure adequate ventilation, especially in confined areas. Avoid inhaling aerosols. Avoid contact with eyes and skin. Keep away from food and drink. Do not eat, drink or smoke at work. Remove all contaminated clothing immediately. Wash hands before breaks and at the end of work and use skin-protecting ointment.
- 8.2 Respiratory: No personal respiratory equipment
- 8.3 Hand: Gloves (Butyl rubber IIR Fluorinated rubber- FKM) After contamination with product change the gloves immediately and remove them according to relevant national and local regulations normally required.
- 8.4 Eye: Goggles or face shield
- 8.5 Skin: Industrial clothing

9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Appearance: White liquid
- 9.2 Odour: Weak
- 9.3 pH: 7.0 - 9.0 (25oC)
- 9.4 Boiling point/range: from 90°C
- 9.5 Melting point/range: from 0°C
- 9.6 Flash point: >100°C
- 9.7 Flammability: N/A
- 9.8 Auto flammability: N/A
- 9.9 Explosive Properties: N/A
- 9.10 Oxidising Properties: N/A
- 9.11 Vapour Pressure: N/A
- 9.12 Relative density: 1.1 g/cm³
- 9.13 Bulk density: N/A
- 9.14 Solubility: Water - completely miscible
Fat - N/A
Other solvents - N/A
- 9.15 Partition coefficient: N/A
- 9.16 Other data: Viscosity (23°C) < 50 mPas

10 STABILITY AND REACTIVITY

- Conditions to avoid: Do not freeze
- Materials to avoid: N/K
- Hazardous decomposition products: During application butanone oxime will split off.

11 TOXICOLOGICAL INFORMATION

- Acute oral toxicity (LD50): Above 2000 mg/kg tested in rats
- Skin Irritation: Non-Irritant. Tested in rabbits*
- Eye Irritation: Non-Irritant. Tested on rabbit eyes*
- * Test results on an analogous product
- Decomposition product 2-butanone oxime
- EU Classification: Carc. Cat. 3
- Limited evidence of a carcinogenic effect. Risk of cutaneous absorption. Risk of serious damage to eyes. May cause sensitisation by skin contact.

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12 ECOLOGICAL INFORMATION

Fish toxicity: LC50: above 100 mg/l
Test species: Brachydaniorerio Duration of test: 96h
Water pollution class (WKG): 1 Slightly hazardous to water
WGK= Classification in accordance with the German Water Resources Act
The product does not add to AOX-value of effluent water (DIN 384090)
The product does not contain heavy metals in concentrations of concern for waste water.
The product does not release nitrogen which can contribute to eutrophication.
The product does not contain phosphates or organophosphorus compounds.

13 DISPOSAL CONSIDERATIONS

- 13.1 Waste from residues/unused products: Dispose of as special waste in compliance with local and national regulations.
- 13.2 Contaminated packaging: Empty containers should be treated in the same way as the contents.

14 TRANSPORT INFORMATION

Proper Shipping Name:
Not classified as hazardous for transportation.
UN Number: - Symbol: -
Hazard Class: - Packing Group: -
ADR/RID: - IATA/DGR limits: -

15 REGULATORY INFORMATION

References in Annex 1 to 67/548/EEC:
Components which lead to danger classification:

EINECS Nos:

Classified according to Directives 67/548/EEC and 88/379/EEC and their various amendments:

Warning symbols: None
Warning words: None
Risk phrases: None
Safety phrases: None

16 OTHER INFORMATION

Intended uses: Textile printing auxiliary.

Abbreviations: N/A = Not applicable N/D = Not determined N/K = Not known

The information contained in this leaflet is given in good faith. This information is accurate to the best of our knowledge and represents the most up to date information available to us. Products should be handled and used in accordance with the advice given