

Cyanotec Ltd
SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/5

MAG42

Revision 1

Revision date 2012-07-17

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	MAGMA 42
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1.3. Details of the supplier of the safety data sheet

Company Address	Cyanotec Ltd Bay 2 Building 62 Third Avenue Pensnett Trading Estate Kingswinford DY6 7XT
Web	www.magmabond.com
Telephone	+44 (0) 1206 835577
Fax	+44 (0) 1206 835535
Email	Sales@magmabond.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification – 1999/45/E C	Xi; R36/37/38
Main hazards	Irritating to eyes, respiratory system and skin.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EINECS No.	REACH Registration Number	Conc. (%w/w)	Classification
Polyethyleneglycol dimethacrylate		25852-47-5			60-70%	Xi; R36/37/38
Acrylic acid derivative		Proprietary	Proprietary		1-10%	C; R34
Cumene hydroperoxide	617-002-00-8	80-15-9	201-254-7		1-10%	O; R7 T; R23 Xn; R21/22-48/20/22 C; R35 N; R51/53
Acrylic acid	607-061-00-8	79-10-7	201-177-9		0.1-1%	R10 Xn; R20/21/22 C; R35 N; R50
Cumene	601-024-00-X	98-82-8	202-704-5		0.1-1%	R10 Xn; R65 Xi; R37 N; R51/53
N, N-dimethyl-p-toluidine	612-056-00-9	99-97-8	202-805-4		0.1-1%	T; R23/24/25 R33 R52/53

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention. Seek medical attention if irritation or symptoms persist.
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MAG42

Revision 1

Revision date 2012-07-17

4.1. Description of first aid measures	
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. Seek medical attention if irritation or symptoms persist.
Skin contact	Wash off immediately with plenty of soap and water. Seek medical attention. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention. Seek medical attention if irritation or symptoms persist.
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
	Use extinguishing media appropriate to the surrounding fire conditions. Extinguishing media. Carbon dioxide (CO ₂). Dry chemical.
5.2. Special hazards arising from the substance or mixture	
	Burning produces irritating, toxic and obnoxious fumes.
5.3. Advice for firefighters	
	Wear suitable respiratory equipment when necessary.
SECTION 6: Accidental release measures	
6.1. Personal precautions, protective equipment and emergency procedures	
	Evacuate personnel to a safe area. Keep personnel away from spill. Surfaces contaminated with the product will become slippery.
6.2. Environmental precautions	
	Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
6.3. Methods and material for containment and cleaning up	
	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
	Open container carefully. Do not eat, drink or smoke in areas where this product is used or stored. Do not breathe gas/fumes/vapour/spray. Avoid contact with eyes and skin. Keep away from oxidising agents.
7.2. Conditions for safe storage, including any incompatibilities	
	Avoid contact with: Oxidising agents. Avoid contact with: Heat. Avoid contact with: Direct sunlight. Keep containers tightly closed. Keep in a cool, dry, well ventilated area.
Suitable packaging	
	Suitable packaging. Store in original container.
SECTION 8: Exposure controls/personal protection	
8.1. Control parameters	
8.1.1. Exposure Limit Values	
Cumene	WEL 8-hr limit ppm: 25 WEL 8-hr limit mg/m ³ : 125 WEL 15 min limit ppm: 50 WEL 15 min limit mg/m ³ : 250
8.2. Exposure controls	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing. Protect clothing from contact with the product.

MAG42

Revision 1


Revision date 2012-07-17

8.2. Exposure controls	
Respiratory protection	Do not breathe gas/fumes/vapour/spray. Wear suitable protective equipment.
Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.
SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and chemical properties	
State	Liquid
Colour	Blue
Odour	Characteristics
Flash point	>125
Viscosity	1200-1500mPa.s
SECTION 10: Stability and reactivity	
10.2. Chemical stability	
	Stable under normal conditions. May polymerize.
10.3. Possibility of hazardous reactions	
	Oxidising agents.
10.4. Conditions to avoid	
	Heat. Light. Store at temperatures below 55 °C.
10.6. Hazardous decomposition products	
	Burning produces irritating, toxic and obnoxious fumes. Carbon oxides. Nitrogen oxides. Sulphur oxides.
SECTION 11: Toxicological information	
11.1. Information on toxicological effects	
Acute toxicity	May cause allergic reactions in susceptible people.
Skin corrosion/irritation	Irritating to eyes, respiratory system and skin. Seek medical attention if irritation or symptoms persist.
Respiratory or skin sensitisation	No sensitization effects reported. May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported.
Reproductive toxicity	No teratogenic effects reported.
Repeated or prolonged exposure	Repeated or prolonged exposure may cause dermatitis.
11.1.4. Toxicological Information	
1-acetyl-2-phenylhydrazine	Oral Mouse LD50 = 270 mg/kg
saccharin	Oral Mouse LD50 = 17000 mg/kg
SECTION 12: Ecological information	
12.1. Toxicity	
	No data is available on this product.
12.2. Persistence and degradability	
	No data is available on this product.
12.3. Bioaccumulative potential	
	No data is available on this product.
12.4. Mobility in soil	
	No data is available on this product.
Further Information	
	No data is available on this product.

MAG42

Revision 1

Revision date 2012-07-17

SECTION 13: Disposal considerations	
General information	
	Dispose of in compliance with all local and national regulations. Do not allow product to enter drains. Do not empty into drains.
Disposal methods	
	Dispose of in compliance with all local and national regulations.
Disposal of packaging	
	Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.
SECTION 14: Transport information	
Further Information	
	This product is not classified as dangerous for carriage.
SECTION 15: Regulatory information	
Labelling	
Symbols	Xi: Irritant. 
Risk Phrases	R36/37/38 - Irritating to eyes, respiratory system and skin.
Safety Phrases	S24 - Avoid contact with skin. S37 - Wear suitable gloves.
Precautionary Phrases	P3 - Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
SECTION 16: Other Information	
Other Information	
Revision	This document differs from the previous version in the following areas: 15 - precautionary phrases.
Text of risk phrases in section	R10 - Flammable R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R21/22 - Harmful in contact with skin and if swallowed. R22 - Harmful if swallowed. R23 - Toxic by inhalation. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R33 - Danger of cumulative effects. R34 - Causes burns.R35 - Causes severe burns. R36 - Irritating to eyes. R36/37/38 - Irritating to eyes, respiratory system and skin. R37 - Irritating to respiratory system. R37/38 - Irritating to respiratory system and skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R48/20/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed. R50 - Very toxic to aquatic organisms. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R7 - May cause fire.

MAG42

Revision 1

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Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.