

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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Marbocote 101

Revision 2
Revision date 2011-06-10

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

1.1. Product identifier

Product name	Marbocote 101
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Industrial Mould Release Agent.
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1.3. Details of the supplier of the safety data sheet

Company	Marbocote Ltd
Address	Unit 9 Dalton Way Middlewich Cheshire CW10 0HU UK
Web	www.marbocote.co.uk
Telephone	+44 (0) 1606 738737
Fax	+44 (0) 1606 738846
Email	info@marbocote.co.uk

1.4. Emergency telephone number


Emergency telephone number	+44 (0) 7764930560
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	F; R11 Xn; R65 Xi; R37/38 N; R51/53 R66-67
Main hazards	Symbols: F: Highly flammable. Xn: Harmful. N: Dangerous for the environment. Highly flammable. Irritating to respiratory system and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Symbols	The product is classified in accordance with 67/548/EEC. F: Highly flammable. Xn: Harmful. N: Dangerous for the environment. 
Risk phrases	R11 - Highly flammable. R37/38 - Irritating to respiratory system and skin. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking.

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2.2. Label elements

Safety phrases	R67 - Vapours may cause drowsiness and dizziness.
	S16 - Keep away from sources of ignition - No smoking.
	S23 - Do not breathe gas/fumes/vapour/spray.
	S24 - Avoid contact with skin.
	S29 - Do not empty into drains.
	S33 - Take precautionary measures against static discharges.
	S51 - Use only in well-ventilated areas.
	S60 - This material and its container must be disposed of as hazardous waste.
	S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.
S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.	

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Naphtha (petroleum), hydrosulphurised light, dearomatised		92045-53-9	295-434-2		60 - 70%	F+; R12 Xn; R65 Xi; R38 N; R51/53 R67
Solvent naphtha (petroleum) light aromatic		64742-95-6	265-199-0		20 - 30%	Xn; R10 Xi; R37 N; R51/53 R65 R66 R67
Alkanes, C7-10-ISO		90622-56-3	292-458-5		1 - 10%	F; R11 Xn; R65 Xi; R38 N; R51/53 R67

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

General information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon oxides. Alcohol resistant foam.
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5.2. Special hazards arising from the substance or mixture

	Highly flammable. Vapour may travel considerable distance to source of ignition and flash back.
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5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment. Surfaces contaminated with the product will become slippery.
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6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Alkanes, C7-10-ISO	WEL 8-hr limit ppm: 281 WEL 15 min limit ppm:	WEL 8-hr limit mg/m3: 1400 WEL 15 min limit mg/m3:
Naphtha (petroleum), hydrosulphurised light, dearomatised	WEL 8-hr limit ppm: 346 WEL 15 min limit ppm:	WEL 8-hr limit mg/m3: 1400 WEL 15 min limit mg/m3:
Solvent naphtha (petroleum) light aromatic	WEL 8-hr limit ppm: 19 WEL 15 min limit ppm:	WEL 8-hr limit mg/m3: 100 WEL 15 min limit mg/m3:

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Chemical resistant gloves (PVC).

Respiratory protection

Wear suitable respiratory equipment when necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear/Colourless
Odour	Slight/Ammoniacal
Boiling point	100
Flash point	0
Evaporation rate	>1
Flammability limits	1.1 - 7.0 vol%
Vapour pressure	>10mmHg @20oC
Vapour density	>1
Relative density	0.759 g/ml

Colour

Clear.

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Odour	
	Slight.

Water solubility	
	Immiscible in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability	
	Stable under normal conditions.

10.3. Possibility of hazardous reactions	
	Oxidising agents.

10.4. Conditions to avoid	
	Heat, sparks and open flames.

SECTION 11: Toxicological information

11.1. Information on toxicological effects	
Acute toxicity	No data is available on this product. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system. May cause dizziness and headache.
Repeated or prolonged exposure	Repeated or prolonged exposure may cause dermatitis.

SECTION 12: Ecological information

12.1. Toxicity	
	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

General information	
	Dispose of in compliance with all local and national regulations.

SECTION 14: Transport information

Hazard pictograms	

14.1. UN number	
	UN1993

14.2. UN proper shipping name	
	FLAMMABLE LIQUID, N.O.S. (N-Heptane, Aromatic hydrocarbons, Aliphatic Hydrocarbons)

14.3. Transport hazard class(es)	
ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group	
Packing group	II

14.5. Environmental hazards	
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14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	33
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-E
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IATA

Packing Instruction (Cargo)	364
Maximum quantity	60 L
Packing Instruction (Passenger)	353
Maximum quantity	5 L

SECTION 15: Regulatory information

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 9 - 9.1. Information on basic physical and chemical properties (State). 9 - 9.1. Information on basic physical and chemical properties (Colour). 9 - 9.1. Information on basic physical and chemical properties (Odour). 9 - 9.2. Other information (Benzene Content).
Text of risk phrases in Section 3	R10 - Flammable R11 - Highly flammable. R12 - Extremely flammable. R37 - Irritating to respiratory system. R38 - Irritating to skin. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. R67 - Vapours may cause drowsiness and dizziness.

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.
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