

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

Marbocote 227CEE

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

1.1. Product identifier

Product name Marbocote 227CEE

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description Industrial Mould Release Agent.

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC F; R11 Xn; R65 Xi; R38 N; R51/53 R67
Symbols: F: Highly flammable. Xn: Harmful. N: Dangerous for the environment.

Main hazards Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Symbols F: Highly flammable. Xn: Harmful. N: Dangerous for the environment.



Risk phrases R11 - Highly flammable.
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.
R67 - Vapours may cause drowsiness and dizziness.

Safety phrases S16 - Keep away from sources of ignition - No smoking.
S23 - Do not breathe gas/fumes/vapour/spray.

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2.2. Label elements

	<p>S24 - Avoid contact with skin.</p> <p>S29 - Do not empty into drains.</p> <p>S33 - Take precautionary measures against static discharges.</p> <p>S51 - Use only in well-ventilated areas.</p> <p>S60 - This material and its container must be disposed of as hazardous waste.</p> <p>S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.</p> <p>S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.</p>
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2.3. Other hazards

Other hazards	Keep away from sources of ignition - No smoking.
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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
Alkanes, C7-10-ISO		90622-56-3	292-458-5		40 - 50%	F; R11 Xn; R65 Xi; R38 N; R51/53 R67
Naphtha (petroleum), hydrotreated light		64742-49-0	265-151-9		40 - 50%	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. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause dizziness and headache.
Skin contact	Repeated or prolonged exposure may cause dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed

	If you feel unwell, seek medical advice (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. Take precautionary measures against static discharges.
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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.

6.4. Reference to other sections

See section 8 and 13 for further information.

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.

7.3. Specific end use(s)

In case of insufficient ventilation, wear suitable respiratory equipment. Take precautionary measures against static discharges.

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 8-hr limit mg/m3: 1400
	WEL 15 min limit ppm:	WEL 15 min limit mg/m3:
Naphtha (petroleum), hydrotreated light	WEL 8-hr limit ppm: 326	WEL 8-hr limit mg/m3: 1400
	WEL 15 min limit ppm:	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

In case of insufficient ventilation, wear suitable respiratory equipment. Suitable half mask respirator with filter P3 (EN 141A1/A2).

8.2.3. Environmental exposure controls

Do not empty into drains; dispose of this material and its container in a safe way.

Occupational exposure controls

Do not breathe dust or vapour.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

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9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear/Colourless
Odour	Slight/Ammoniacal
pH	No data available
Melting point	No data available
Boiling point	> 110 °C
Flash point	< 10 °C
Evaporation rate	> 1
Upper Explosive Limit	7 %
Lower Explosive Limit	0.7 %
Vapour pressure	> 1333.224 Pa
Vapour density	> 1
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Oxidising	No data available
Solubility	Immiscible in water

9.2. Other information

Specific gravity	0.733 g/cm ³
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Avoid contact with: Moisture.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Vapour may travel considerable distance to source of ignition and flash back.
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10.4. Conditions to avoid

	Heat, sparks and open flames. Take precautionary measures against static discharges.
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10.5. Incompatible materials

	Strong oxidising agents.
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10.6. Hazardous decomposition products

	No data is available on this product.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	May cause dizziness and headache.
Aspiration hazard	MAY BE FATAL IF SWALLOWED.
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.
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12.2. Persistence and degradability

	Readily biodegradable.
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12.3. Bioaccumulative potential

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12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.6. Other adverse effects

Component data: Octane and Isomers L(E)C50 >0.1 - 1.0mg/L.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

This material and its container must be disposed of as hazardous waste.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1993

14.2. UN proper shipping name

FLAMMABLE LIQUID, N.O.S. (Aliphatic Hydrocarbons, Octanes)

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

Environmental hazards Yes

Marine pollutant Yes

ADR/RID

Hazard ID 33

Tunnel Category (D/E)

IMDG

EmS Code F-E S-E

IATA

Packing Instruction (Cargo) 364

Maximum quantity 60 L

Packing Instruction 353

(Passenger)

Maximum quantity 5 L

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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulations	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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SECTION 16: Other information**Other information**

Revision	<p>This document differs from the previous version in the following areas:</p> <ul style="list-style-type: none"> 4 - General information. 4 - Inhalation. 4 - Skin contact. 4 - 4.3. Indication of any immediate medical attention and special treatment needed. 6 - 6.1. Personal precautions, protective equipment and emergency procedures. 6 - 6.4. Reference to other sections. 7 - 7.3. Specific end use(s). 8 - Occupational exposure controls. 8 - Respiratory protection. 8 - 8.2.3. Environmental exposure controls. 9 - 9.1. Information on basic physical and chemical properties (PH). 9 - 9.1. Information on basic physical and chemical properties (Melting point). 9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature). 9 - 9.1. Information on basic physical and chemical properties (Oxidising). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.1. Information on basic physical and chemical properties (Decomposition temperature). 9 - 9.2. Other information (Partition coefficient). 10 - 10.4. Conditions to avoid. 10 - 10.3. Possibility of hazardous reactions. 10 - 10.6. Hazardous decomposition products. 10 - 10.1. Reactivity. 10 - 10.5. Incompatible materials. 11 - Acute toxicity. 11 - Aspiration hazard. 12 - 12.4. Mobility in soil. 12 - 12.3. Bioaccumulative potential. 12 - 12.5. Results of PBT and vPvB assessment. 13 - Disposal methods. 13 - Disposal of packaging. 15 - Labelling.
Text of risk phrases in Section 3	<p>R11 - Highly flammable.</p> <p>R38 - Irritating to skin.</p> <p>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R65 - Harmful: may cause lung damage if swallowed.</p> <p>R67 - Vapours may cause drowsiness and dizziness.</p>

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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