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**SAFETY DATA SHEET**

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This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

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

## 1.1 Product identifier

- Product Name: Marbocote 290
- Product Part Number: MC0290

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

- Use of the substance/mixture: Coating
- Industrial Release Agent

## 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Marbocote Ltd
- Address of Supplier: Unit 9,  
Dalton Way  
Middlewich  
Cheshire  
CW10 0HU  
UK
- Telephone: +44 (0) 1606 738 737
- Email: Info@marbocote.co.uk

## 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 7764930560
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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Asp. Tox. 1, STOT SE 3, Flam. Liq. 2, Skin Irrit. 2, Aquatic Chronic 2

## 2.2 Label elements



- Signal Word: Danger
  - Hazard statements
    - H225 - Highly flammable liquid and vapour.
    - H336 - May cause drowsiness or dizziness.
    - H315 - Causes skin irritation.
    - H304 - May be fatal if swallowed and enters airways.
    - H411 - Toxic to aquatic life with long lasting effects.
  - Precautionary statements
    - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
    - P243 - Take action to prevent static discharges.
    - P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
    - P271 - Use only outdoors or in a well-ventilated area.
    - P273 - Avoid release to the environment.
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**SECTION 2: Hazards identification (....)**

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P501 - Dispose of contents/container to hazardous waste

## 2.3 Other hazards

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Take precautionary measures against static discharges
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**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- Hydrocarbons, C7-C9, isoalkanes  
REACH Registration Number: 01-2119471305-42  
CAS Number: None  
EC Number: 921-728-3  
Concentration: >96%  
Categories: Skin Irrit. 2, STOT SE 3, Asp. Tox. 1  
H Statements: H225, H315, H336, H304, H411
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**SECTION 4: First aid measures**

## 4.1 Description of first aid measures

- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin  
IF ON SKIN: Wash with plenty of soap and water.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- Ingestion  
Do NOT induce vomiting.  
Rinse mouth with water (do not swallow)
- Inhalation  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

- Contact with eyes  
May cause irritation
- Contact with skin  
Irritating to skin
- Ingestion  
Harmful: may cause lung damage if swallowed
- Inhalation  
May cause drowsiness

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

- Contact with eyes  
If eye irritation persists: Get medical advice/attention.

**SECTION 4: First aid measures (....)**

- Contact with skin  
If skin irritation or rash occurs: Get medical advice/attention.
- Ingestion  
Seek immediate medical attention
- Inhalation  
Seek medical advice if necessary

## 4.4 General

- 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

- In case of fire use foam, carbon dioxide or dry agent - never use water

## 5.2 Special hazards arising from the substance or mixture

- Vapours may ignite
- May give off noxious and toxic fumes in a fire
- In case of fire, do not breathe fumes

## 5.3 Advice for firefighters

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Wear full protective clothing including chemical protection suit
  - Wear Breathing Apparatus
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**SECTION 6: Accidental release measures**

Spillage causes slippery surface

Vapours may ignite

## 6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area
- Shut off all ignition sources
- Shut off source of leak if safe to do so
- Wear eye/face protection

## 6.2 Environmental precautions

- Do not allow to enter public sewers and watercourses
- Use appropriate containment to avoid environmental contamination
- Avoid release to the environment.

## 6.3 Methods and material for containment and cleaning up

- Ventilate area
- Absorb spillage in suitable inert material
- Collect as much as possible in clean container for reuse or disposal
- Remove contaminated material to safe location for subsequent disposal
- To clean the floor and all objects contaminated by this material use soap and water

## 6.4 Reference to other sections

- See Section 8 & 13
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Use only in well ventilated areas
- Keep away from sources of ignition - No Smoking
- Take action to prevent static discharges.
- Avoid contact with skin and eyes
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

## 7.2 Conditions for safe storage, including any incompatibilities

- Keep only in the original container
- Protect from sunlight. Store in a well-ventilated place.
- Keep away from oxidisers, heat, flames or ignition sources

## 7.3 Specific end use(s)

- See Section 1.2
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- Hydrocarbons, C7-C9, isoalkanes  
DNEL (dermal): 773 mg/kg  
DNEL (inhalational): 2035 mg/m<sup>3</sup>

## 8.2 Environmental exposure controls

- Do not allow to enter public sewers and watercourses
- Dispose of this material and its container at hazardous or special waste collection point

## 8.3 Exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)

## 8.4 Occupational exposure controls

- Protective gloves complying with EN374
- Wear neoprene or nitrile gloves
- In case of insufficient ventilation, wear suitable respiratory equipment
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear eye/face protection
- Wear suitable protective clothing
- After contact with skin, wash immediately with plenty of water

## 8.5 Precautionary measures

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Take action to prevent static discharges.
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**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

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**SECTION 9: Physical and chemical properties (....)**

- Appearance: clear, colourless to yellow, Liquid
- Odour: Characteristic odour
- pH - not applicable
- Freezing point/Range: No information available
- Melting point - not known
- Boiling Point/Range: >110°C
- Flashpoint: <10°C
- Flammability: No information available
- Evaporation rate (Butyl acetate = 1): 1.6
- Lower explosive limit: 0.7 % (in air)
- Upper explosive limit: 6.3 % (in air)
- Vapour pressure: >10 mm /Hg
- Vapour density (air = 1): >1 at 101 kPa
- Partition coefficient : n-Octanol/water - not known
- Autoignition Temperature: >200°C
- Viscosity: 0.5 cSt (ASTM D7042)
- Solubility in water: immiscible with water
- Oxidising Properties: None
- Explosive Properties: None
- Specific gravity: 0.719 - 0.739 g/cm<sup>3</sup>

**9.2 Other information**

- Volatile Organic Compound Content 714g/l
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**SECTION 10: Stability and reactivity****10.1 Reactivity**

- No hazardous reactions known if used for its intended purpose

**10.2 Chemical stability**

- Considered stable under normal conditions

**10.3 Possibility of hazardous reactions**

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

**10.4 Conditions to avoid**

- Keep away from heat and sources of ignition

**10.5 Incompatible materials**

- Incompatible with strong oxidizing substances

**10.6 Hazardous decomposition products**

- Decomposition products may include carbon oxides
  - Smoke from fires is toxic
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**SECTION 11: Toxicological information**

Aspiration hazard

May cause drowsiness or dizziness.

**11.1 Information on toxicological effects**

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**SECTION 11: Toxicological information (....)**

- Hydrocarbons, C7-C9, isoalkanes  
LD50 (dermal, rabbit): >2000 mg/kg  
LD50 (skin, rat): >5000 mg/kg  
LC50 (inhalation, rat): 21 mg//4h

**11.2 Contact with skin**

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

**11.3 Contact with eyes**

- May cause irritation

**11.4 Inhalation**

- No information available

**11.5 Ingestion**

- May be harmful if swallowed and enters airways.

**11.6 Carcinogenicity**

- No evidence of carcinogenic effects

**11.7 Mutagenicity**

- No evidence of mutagenic effects

**11.8 Teratogenicity**

- No evidence of reproductive effects
- STOT Single Exposure  
May cause drowsiness or dizziness.
- STOT Repeated Exposure  
No information available
- Aspiration hazard  
May be fatal if swallowed and enters airways.

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**SECTION 12: Ecological information****12.1 Toxicity**

- Hydrocarbons, C7-C9, isoalkanes  
IC50 (algae): 29 mg/l (72 hr)  
EC50 (daphnia): 2.4 mg/l (48 hr)  
LC50 (fish): 18.4 mg/l (96 hr)

**12.2 Persistence and degradability**

- Readily biodegradable

**12.3 Bioaccumulative potential**

- No information available

**12.4 Mobility in soil**

- No information available

**12.5 Results of PBT and vPvB assessment**

- This product is not, or does not contain a substance that is a PBT or a vPvB.

**12.6 Other adverse effects**

**SECTION 12: Ecological information (....)**

- None
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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
  - Dispose of this material and its container at hazardous or special waste collection point
  - Do not discharge into drains or the environment, dispose to an authorised waste collection point
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**SECTION 14: Transport information**

## 14.1 UN number

- UN No.: 1866

## 14.2 UN proper shipping name

- ADR/RID
  - Proper Shipping Name: RESIN SOLUTION
- IMDG
  - Proper Shipping Name: RESIN SOLUTION
- IATA
  - Proper Shipping Name: RESIN SOLUTION

## 14.3 Transport hazard class(es)

- ADR/RID
  - Hazard Class: 3
- IMDG
  - Hazard Class: 3
- IATA
  - Hazard Class: 3

## 14.4 Packing group

- ADR/RID
  - Packing Group: II
- IMDG
  - Packing Group: II
- IATA
  - Packing Group: II

## 14.5 Environmental hazards

- Marine Pollutant
- ENVIRONMENTALLY HAZARDOUS

## 14.6 Special precautions for user

- ADR/RID
  - Hazard ID: 33
  - Tunnel Code: D/E

**SECTION 14: Transport information (....)**

- IMDG
- IMDG EmS: F-E, S-E

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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**SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- All components of this preparation are registered on the European Inventory of Existing Chemical Substances (EINECS)
- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

15.2 Chemical safety assessment

- A chemical safety assessment is not required under REACH
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.

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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