

# Magma ThermaBand R171



## SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 453/2010

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

#### 1.1. Product identifier

Product Name	Magma ThermaBand R171
Product Inclusion	The document applies to all Magma ThermaBand R171 products.
Container Size	NA

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

Identified Uses	Pavement marking and Signage
Uses advised against	None

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

Supplier	MHL Group, (Trading name of Meon Ltd.) Railside Northarbour Spur Portsmouth PO9 3TU  +44 (0) 23 9220 0606 mail@meonuk.com
----------	--

#### 1.4. Emergency Telephone Number

Emergency telephone	+44 (0) 808 118 1922
---------------------	----------------------

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Classification, Labelling & Packaging Regulation (EC) 1272/2008, GB (CLP)

#### 2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008, GB (CLP)



Signal word  
Named Chemicals on  
Label  
Contains  
H-statement(s)

Warning

H317: May cause an allergic skin reaction.  
H319: Causes serious eye irritation.  
H351: Suspected of causing cancer <Inhalation>.

# Magma ThermaBand R171

**P-statement(s)**

P264: Wash hands thoroughly after handling.  
P272: Contaminated work clothing should not be allowed out of the workplace.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see instructions on this label).  
P337+313: If eye irritation persists: Get medical advice/attention.

## 2.3. Other hazards

### Results of PBT and vPvB assessment:

**Inhalation** In the event of excessive exposure to dust or smoke, seek fresh air. Seek medical attention if symptoms develop.

**Skin Contact** If skin comes in contact with molten material, immerse in or flush with plenty of cold water. Do NOT attempt to remove the material from skin. Seek immediate medical attention.

**Eye contact** In the event of contact with molten material, flush eyes with plenty of cold water for at least 15 minutes. In the event of eye exposure to dust generated by cutting, scraping, crushing or mechanical action, immediately flush with plenty of cold water for at least 15 minutes.

**Ingestion** Do NOT induce vomiting. Drink water. Seek medical attention.

## SECTION 3: Composition/information on ingredients

SUBSTANCE [ ] MIXTURE [X]

Chemical	Cas-No:	Classification	Concentration
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	94581-15-4	Eye Irrit. 2: H319 Skin Sens. 1: H317 Aquatic Chronic 4: H413 Carc. 2: H351  GHS08 GHS07 Wng	10-30%  <b>V, W</b>

## SECTION 4: First aid measures

Show this safety data sheet to the doctor in attendance.

### 4.1. Description of first aid measures

#### General notes

**In case of inhalation:** In the event of excessive exposure to dust or smoke, seek fresh air. Seek medical attention if symptoms develop.

**In case of skin contact:** If skin comes in contact with molten material, immerse in or flush with plenty of cold water. Do NOT attempt to remove the material from skin. Seek immediate medical attention.

**In case of eye contact:** In the event of exposure to dust generated by cutting, scraping, crushing or mechanical action, immediately flush eyes with plenty of cold water for at least 15 minutes.

**In case of ingestion:** Do NOT induce vomiting. Drink water. Seek medical attention.

# Magma ThermaBand R171

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

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

Not applicable.

---

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

Water, water fog, dry chemical powder, foam, or carbon dioxide (CO2)

### **5.2. Special hazards arising from the substance or mixture**

**Specific hazard** Use of pressurised water will spread the burning material.  
Combustion emits toxic fumes.

### **5.3. Advice for firefighters**

**Protective actions during firefighting.** Firefighters should use self-contained breathing apparatus (SCBA) with positive pressure and facial protection in the event of potential exposure to fumes, vapours or hazardous decomposition products with skin and eyes.

**Other information** None.

---

## **SECTION 6: Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

If the product molten or hot, allow it to cool and solidify. Cold water will speed up cooling.

### **6.2. Environmental precautions**

No information available.

### **6.3. Methods and material for containment and cleaning up**

No information available.

---

## **SECTION 7: Handling and storage**

### **7.1. Precautions on safe handling**

Use suitable protective equipment to handle heated or molten thermoplastic. Avoid skin contact.

Avoid inhaling dust generated by cutting, scraping, crushing or mechanical action. Use suitable protective equipment.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in a dry, cool place.

### **7.3. Specific end uses**

No Information available

# Magma ThermaBand R171

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

Use suitable protective gloves according to the regulations in force. Wear industrial safety footwear and suitable personal protective clothing that covers your skin.

Observe good industrial hygiene practices.

Suitable exhaust ventilation required for use indoors. Suitable exhaust ventilation is also required in the event of cutting, scraping, crushing or mechanical action. Without suitable ventilation, suitable respiratory protective equipment must be used.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Boiling Point °F:</b>	Not applicable.
<b>Solubility in Water:</b>	Not soluble in water.
<b>Melting Point:</b>	100°C - 125°C
<b>Specific gravity:</b>	1.9-2.0
<b>Vapor pressure at 20°C:</b>	Not applicable.
<b>Odour:</b>	Odourless.
<b>Appearance:</b>	Plate or Sheet
<b>Flash Point:</b>	250°C
<b>Self-ignition temperature:</b>	Undetermined.
<b>Flammability limits</b>	
<b>LEL:</b>	Undetermined
<b>UEL:</b>	Undetermined

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

This material is not a hazardous chemical substance. However, vapours produced by processing and heating may be hazardous.

# Magma ThermaBand R171

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

This product does not produce hazardous residue in that it does not leach metals or other hazardous substances.

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

No information available.

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

No Information available.

### 12.6. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal of materials should be in accordance with local, state, provincial and national regulations.

Dispose of or incinerate at a waste treatment facility approved by the corresponding authorities.

## SECTION 14: Transport information

This product does not require a classification for transport.

ADR/RID: Not regulated.

IMDG: Not a marine pollutant

ICAO/IATA: Not regulated.

## SECTION 15: Regulatory information

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

### 15.2 Chemical safety assessment

Not Applicable.

## SECTION 16: Other information

#### Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.