

# Safety Data Sheet

Prismo Road Markings Limited  
(trading as Ennis-Flint)  
5 Drumhead Road  
Chorley North Industrial Park  
Chorley, Lancashire  
PR6 7BX United Kingdom



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

### 1.1 Product Identifier

Product Name: THERMALINE

Product Code:

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

**Professional use:** Varnishes, paints and others.

### 1.3 Details of the supplier of the substance or mixture

Prismo Road Markings Limited (trading as Ennis-Flint)  
5 Drumhead Road  
Chorley North Industrial Park  
Chorley, Lancashire  
PR6 7BX  
United Kingdom

Telephone Number: +44 (0) 1257 225 100 Fax

Number: +44 (0) 1257 224 606

E-mail Address: info@ennisflint.com

### 1.4 Emergency Telephone Number

+44 (0) 1257 225 100

**Other comments:** \*Only available office hours Monday – Friday 0830 to 1700 (English language)\*

## SECTION 2: Hazards Identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

Upon assessment, this mixture is not classified as hazardous according to 1272/2008.

#### 2.1.2 Classification according to Directive 1999/45/EC (see SECTION 16 for full text of risk phrases)

This product is assessed and not classified as hazardous.

#### 2.1.3 Additional information – None

### 2.2.2 Label elements Label information in accordance with 1272/2008

Hazard pictograms Not applicable

Signal words Not applicable

Hazard statements Not applicable

**Label information in accordance with 1999/45/EG – see section 16**

### 2.3

#### Other hazards

Not relevant.

**SECTION 3: Composition/information on ingredients****3.1 Description of the mixture:**

This product is composed of a mixture of several solid substances.

**3.2. Mixtures**

The product contains no substances, nor concentration levels thereof, that require marking or that need to be declared.

**SECTION 4: First aid measures****4.1. Description of first aid measures Upon breathing in**

Inhalation of fumes from heated product: let the injured rest at a warm place with fresh air. Contact the doctor if symptoms persist.

**Upon skin contact**

Normal washing of the skin is considered sufficient; If nevertheless symptoms do occur, contact a physician.

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

Burn injuries may occur during contact with heated product.

**4.3. Indication of any immediate medical attention and special treatment needed - Symptomatic treatment.****SECTION 5: Firefighting measures****5.1. Extinguishing media**

Extinguish with water mist, powder, carbon dioxide or alcohol resistant foam.

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

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

The product is not hazardous in the flammable sense.

**5.3. Advice for fire-fighters**

In case of fire use a respirator mask.

**SECTION 6: Accidental release measures**

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

Not applicable

**6.2. Environmental precautions**

Not applicable

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

To be collected with caution and transported to a waste disposal facility.

Contaminated products should be treated as chemical waste and declared as non-hazardous goods.

**6.4. Reference to other - Not applicable****SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Do not breathe fumes and avoid contact with heated product.

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

Store only in the original package.

**7.3. Specific end uses – N/A****SECTION 8: Exposure controls/personal protection****8.1. Control parameters****8.1.1. National limit values, United Kingdom**

All ingredients (cf. Section 3) lack occupational exposure limit values.

**8.2. Exposure controls**

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation.

Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g. mechanical risks, temperature conditions or microbiological risks.

Use appropriate breathing apparatus during sanding and/or other dust forming handling.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

- a) Appearance Form: Raw sheets and prefabricated lines, arrows and symbols.  
 Thickness approx. 3 mm with drop-on glass beads  
 Colour: White alternatively yellow, orange, red, violet, blue, turquoise, green or black
- |   |                |
|---|----------------|
| b) Odour  | Weak smell     |
| c) Odour threshold                              | Not applicable |
| d) pH   | Not applicable |
| e) Melting point/freezing point                 | 80 °C          |
| f) Initial boiling point and boiling range      | Not applicable |
| g) Flash point                                  | Not applicable |
| h) Evaporation rate                             | Not applicable |
| i) Flammability (solid, gas)                    | Not applicable |
| j) Upper/lower flammability or explosive limits | Not applicable |
|   |                |
| k) Vapour pressure                              | Not applicable |
| l) Vapour density                               | Not applicable |
| m) Relative density                             | 1,7 kg/L       |
| n) Solubility                                   | Not applicable |
| o) Partition coefficient: n-octanol/water       | Not applicable |
| p) Auto-ignition temperature                    | 300 °C         |
| q) Decomposition temperature                    | Not applicable |
| r) Viscosity                                    | Not applicable |
| s) Explosive properties                         | Not applicable |
| t) Oxidising properties                         | Not applicable |

**9.2. Other information**

No data available

**SECTION 10: Stability and Reactivity****10.1 Reactivity**

The product contains no substances which can lead to hazardous reactions at normal use.

**10.2 Chemical stability**

The product is stable at normal storage and handling conditions.

**10.3 Possibility of hazardous reactions**

No hazardous reactions known.

**10.4 Conditions to avoid**

Not indicated

**10.5 Incompatible materials**

Not indicated

**10.6 Hazardous decomposition products**

None under normal conditions.

**SECTION 11: Toxicological Information****11.1. Information on toxicological effects General or unspecific toxicity**

Not indicated

**Acute effects**

Not classified as an acutely toxic substance.

**Harmfulness**

The product is not classified as harmful to health.

**Corrosive and irritating effects**

Not indicated

**SECTION 12: Ecological Information****12.1. Toxicity**

No ecological damage is known or expected in the event of normal use.

**12.2. Persistence and degradability**

Not applicable

**12.3. Bio accumulative potential**

Neither this product, nor its contents, accumulates in nature.

**12.4. Mobility in soil**

The product is not soluble in water.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6. Other adverse effects -**

Data lacking.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods Waste handling for the product**

The product is not classified as hazardous waste.

Also take local regulations for dealing with waste into account.

Cf. also national waste regulations.

**Recycling of the product**

This product is not usually recycled.

**Transportation of waste**

Waste class J(0) - Does not have adverse effects on health or the environment.

**SECTION 14: Transport information**

This product is only supposed to be transported by road or railway and just the transport regulations ADR/RID thus apply. If other means of transport are to be used, contact the publisher of this safety data sheet.

**14.1. UN number**

Not classified as dangerous goods

**14.2. UN proper shipping name**

Not applicable

**14.3. Transport hazard class(es)**

Not applicable

**14.4. Packing group**

Not applicable

**14.5. Environmental hazards**

Not applicable

**14.6. Special precautions for user**

Not applicable

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

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

Not applicable.

**15.2. Chemical safety assessment**

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

**SECTION 16: Other information**

16a. Indication of where changes have been made to the previous version of the safety data sheet Revisions of this document

**Earlier versions**

2013-03-27 Revisions of this document has, where not otherwise stated, been caused by changes in the regulations

16b. Legend to abbreviations and acronyms used in the safety data sheet Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road RID Regulations concerning the International Transport of Dangerous Goods by Rail

16c. Key literature references and sources for data Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2014-07-17.

Where such data was lacking, on the second hand the documentation on which this official classification is based was used, e.g. IUCLID (International Uniform Chemical Information Database). On the third hand, information was used from reputable international chemical suppliers, and on the fourth hand from other available information, e.g. safety data sheets from other suppliers or information from non-profit associations, whereby the reliability of the source was judged by an expert. If, in spite of this, reliable information was not found, the hazards were judged by expert opinions based on the known properties of similar substances, and according to the principles in 1907/2006 and 1272/2008.

**Full texts for Regulations mentioned in this Safety Data Sheet**

- 453/2010 COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- 1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- 1999/45/EG DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations
- 89/391 COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work
- 1907/2006 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 Annex I

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

The calculation of the hazards of this mixture has been performed as an evaluation by applying a weight of evidence determination using expert judgement in accordance with 1272/2008 Annex I, weighing all available information having a bearing on the determination of the hazards of the mixture, and in accordance with 1907/2006 Annex XI.

16e. List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements 16f. Advice on any training appropriate for workers to ensure protection of human health and the environment Warning for misuse

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

Other relevant information Label information in accordance with 1999/45/EG

Hazard symbol	Not applicable
R-phrases	Not applicable
S-phrases	Not applicable