



## SAFETY DATA SHEET

### FIRWOOD 2507 ASPHALT COURT PAINT

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

**Product name** FIRWOOD 2507 ASPHALT COURT PAINT  
**Product number** 2507  
**Container size** 5 litre container

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

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

**Supplier** Firwood Paints Ltd.  
 Oakenbottom Road  
 Bolton  
 BL2 6DP  
 T: +44 (0)1204 525231  
 F: +44(0)1204 362522

**Contact person** e-mail: sales@firwood.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1204 525231 (08.00-17.00)

#### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

##### 2.2. Label elements

**Hazard statements** EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.

**Precautionary statements** P261 Avoid breathing vapour/ spray.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P314 Get medical advice/ attention if you feel unwell.  
 P501 Dispose of contents/ container in accordance with local regulations.

**Supplementary precautionary statements** P302+P352 IF ON SKIN: Wash with plenty of water.

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### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>3-BUTOXYPROPAN-2-OL</b>	<b>1-5%</b>
CAS number: 5131-66-8	EC number: 225-878-4
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	Xi;R36/38
Eye Irrit. 2 - H319	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

#### SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

### 5.3. Advice for firefighters

#### SECTION 6: Accidental release measures

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

### 6.2. Environmental precautions

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

**Methods for cleaning up** Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes.

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

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**Storage precautions** Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.

### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### 2-BUTOXYETHANOL

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk)

Short-term exposure limit (15-minute): WEL 50 ppm(Sk)

##### ISO-BUTANOL

Long-term exposure limit (8-hour TWA): WEL 50 ppm 154 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 75 ppm 231 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

#### TEXANOL (CAS: 25265-77-4)

<b>DNEL</b>	Workers, Industry/Professional - Inhalation; Long term : 49 mg/m <sup>3</sup> General population - ; : 14.5 mg/m <sup>3</sup> Workers, Industry/Professional - Dermal; Long term : 13.9 mg/kg/day General population - ; : 8.3 mg/kg/day - Oral; : 8.3 mg/kg/day
<b>PNEC</b>	- Fresh water; 0.015 mg/l - Marine water; 0.0015 mg/l - Water, Intermittent release; 0.15 mg/l - Sediment (Freshwater); 0.17 mg/kg - Sediment (Marinewater); 0.017 mg/kg - Soil; 0.13 mg/kg

#### 3-BUTOXYPROPAN-2-OL (CAS: 5131-66-8)

<b>DNEL</b>	Industry - Dermal; Long term : 44 mg/kg/day Industry - Inhalation; Long term : 270.5 mg/m <sup>3</sup> Consumer - Dermal; Long term : 16 mg/kg/day Consumer - Inhalation; Long term : 33.8 mg/m <sup>3</sup>
<b>PNEC</b>	- Fresh water; 0.525 mg/l - Marine water; 0.0525 mg/l - STP; 10 mg/l - Sediment (Freshwater); 2.36 mg/kg - Sediment (Marinewater); 0.236 mg/kg - Soil; 0.16 mg/kg

#### 2-BUTOXYETHANOL (CAS: 111-76-2)

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<b>DNEL</b>	<p>Workers - Dermal; Short term systemic effects: 89 mg/kg          Workers - Inhalation; Short term systemic effects: 135 ppm          Workers - Inhalation; Short term local effects: 50 ppm          Workers - Dermal; Long term systemic effects: 75 mg/kg          Workers - Inhalation; Long term systemic effects: 20 ppm          Consumer - Dermal; Short term systemic effects: 44.5 mg/kg          Consumer - Inhalation; Short term systemic effects: 426 mg/m<sup>3</sup>          Consumer - Oral; Short term systemic effects: 13.4 mg/kg          Consumer - Inhalation; Short term local effects: 123 mg/m<sup>3</sup>          Consumer - Inhalation; Long term systemic effects: 49 mg/m<sup>3</sup>          Consumer - Oral; Long term systemic effects: 3.2 mg/kg</p>
<b>PNEC</b>	<p>- Fresh water; 8.8 mg/l          - Marine water; 0.88 mg/l          - STP; 463 mg/l          - Sediment (Freshwater); 34.6 mg/kg          - Sediment (Marinewater); 3.46 mg/kg          - Soil; 2.8 mg/kg</p>

### ISO-BUTANOL (CAS: 78-83-1)

<b>DNEL</b>	<p>Workers - Inhalation; Long term local effects: 310 mg/m<sup>3</sup>          Consumer - Inhalation; Long term local effects: 55 mg/m<sup>3</sup>          Consumer - Oral; Long term local effects: 25 mg/kg</p>
<b>PNEC</b>	<p>- Fresh water; 0.4 mg/l          - Marine water; 0.04 mg/l          - Intermittent release; 11 mg/l          - Sediment (Freshwater); 1.52 mg/kg          - Sediment (Marinewater); 0.152 mg/kg          - Soil; 0.0699 mg/kg          - STP; 10 mg/l</p>

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

### Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

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**Respiratory protection** No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and Chemical Properties

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

**Appearance** Liquid  
**Odour** Mild.  
**Initial boiling point and range** >100 @°C @ 760 mm Hg  
**Relative density** 1.1 - 1.3 @ @ 20°C  
**Solubility(ies)** Soluble in water.  
**Viscosity** 700 - 1500 cP @ 25°C

#### 9.2. Other information

**Volatile organic compound** This product contains a maximum VOC content of < 30 g/litre.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

#### 10.3. Possibility of hazardous reactions

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Inhalation** Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Coughing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Liquid may irritate skin.

**Eye contact** Vapour or spray in the eyes may cause irritation and smarting.

### SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment.

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

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

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### 12.6. Other adverse effects

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

##### 14.1. UN number

Not applicable.

##### 14.2. UN proper shipping name

Not applicable.

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

No transport warning sign required.

##### 14.4. Packing group

Not applicable.

##### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

##### 14.6. Special precautions for user

Not applicable.

##### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

#### SECTION 15: Regulatory information

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

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
Control of Substances Hazardous to Health Regulations 2002 (as amended)

**EU legislation** 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) (as amended).

**Guidance** Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
CHIP for everyone HSG228.  
Approved Classification and Labelling Guide (Sixth edition) L131.

##### 15.2. Chemical safety assessment

#### SECTION 16: Other information

**Issued by** HS&E Manager.

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<b>Revision date</b>	07/12/2015
<b>Revision</b>	5
<b>Supersedes date</b>	17/12/2014
<b>SDS number</b>	20446
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R36/38 Irritating to eyes and skin. Not classified.
<b>Hazard statements in full</b>	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. EUH208 Contains METHYL-2H or METHYL-4 (3:1) Mixture of EC NO 220-239-6. May produce an allergic reaction.

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.