

**SAFETY DATA SHEET**  
FILLTITE WOOD HARDENER RESIN

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Compilation date: 18/06/2014

Revision date: 29/10/20

Revision No: 3

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

**1.1. Product identifier**

**Product name:** FILLTITE WOOD HARDENER RESIN

**Product code:** R119

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

**Use of substance / mixture:** Wood repair solution

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

**Company name:** Tembe DIY & Building Products Limited

Delta Court

Sky Business Park

Robin Hood Airport

Doncaster

DN9 3GN

**Tel:** +44 (0) 1302 770 234

**Email:** [sales@tembediy.com](mailto:sales@tembediy.com)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 1302 770234

(office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



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**Signal words:** Danger

**Precautionary statements:** P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P261: Avoid breathing vapours/spray.

P264: Wash hands, forearms and face thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water /shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: In case of fire: Use foam to extinguish.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents/container to a regulated disposal site/contractor.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

ACETONE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	>50%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Consult a doctor.

[cont...]

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**Ingestion:** Do not induce vomiting. Provided the patient is conscious, wash out mouth with water and give 200 - 300 ml (half a pint) of water to drink. Obtain immediate medical attention.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 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. May cause nausea, headache, dizziness and intoxication. Gastrointestinal symptoms, including upset stomach. Central nervous depression.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Symptoms following overexposure may include the following : Headache, Fatigue, Dizziness, Nausea, Vomiting.

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

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises. In case of accident or if you feel unwell seek medical advice

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Water fog. DO NOT USE WATER JET.

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

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Cool containers exposed to flames with water until well after the fire is out. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Ensure adequate ventilation. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

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### 6.2. Environmental precautions

**Environmental precautions:** Contain the spillage using bunding. Do not allow to enter drains, sewers or watercourses. Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. Collect and dispose of spillages as indicated in Section 13.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Static electricity and formation of sparks must be prevented. Provide adequate ventilation. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep only in original container. Keep away from direct sunlight. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** Wood Repair Solution

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

ACETONE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL

[cont...]

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UK	1210 mg/m <sup>3</sup>	3620 mg/m <sup>3</sup>	-	-
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**DNEL/PNEC Values**

**Hazardous ingredients:**

**ACETONE**

Type	Exposure	Value	Population	Effect
DNEL	Dermal- Long Term	186 mg/kg/day	Workers	-
DNEL	Inhalation - Short Term	2420 mg/m <sup>3</sup>	Workers	-
DNEL	Inhalation - Long Term	1210 mg/m <sup>3</sup>	Workers	-
DNEL	Oral - Long Term	62 mg/kg/day	Consumers	-
DNEL	Dermal - Long Term	62 mg/kg/day	Consumers	-
DNEL	Inhalation - Long Term	200 mg/m <sup>3</sup>	Consumers	-
PNEC	Fresh water	10.6 mg/l	-	-
PNEC	Marine water	1.06 mg/l	-	-
PNEC	Water	21 mg/l	-	-
PNEC	Sediment	3.04 mg/kg	-	-
PNEC	Soil (agricultural)	33.3 mg/l	-	-
PNEC	STP	29.5 mg/l	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. The selected gloves should have a breakthrough time of at least 8 hours. Gloves should comply with European Standard EN374. It is recommended gloves are made of the following material: Butyl gloves. Glove thickness 0.5mm.

**Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand. Personal protective equipment for eye and face protection should comply with European Standard EN166.

**Skin protection:** Protective clothing.

**Environmental:** DO NOT SMOKE IN WORK AREA! Avoid release to the environment.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

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**Evaporation rate:** Fast  
**Oxidising:** Not applicable.  
**Solubility in water:** Soluble  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** >35  
**Flammability limits %: lower:** No data available.  
**Flash point°C:** -17c closed cup  
**Autoflammability°C:** No data available.  
**Relative density:** 0.865  
**VOC g/l:** 820

**Melting point/range°C:** No data available.  
**upper:** No data available.  
**Part.coeff. n-octanol/water:** No data available.  
**Vapour pressure:** No data available.  
**pH:** 5-6

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames. Avoid Chlorinated hydrocarbons.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids. Amines. Strong reducing agents. Alkalis.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**ACETONE**

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg

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ORL	RAT	LD50	5800	mg/kg
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**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

**Symptoms / routes of exposure**

**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. May cause nausea, headache, dizziness and intoxication. Gastrointestinal symptoms, including upset stomach. Central nervous depression.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Symptoms following overexposure may include the following : Headache, Fatigue, Dizziness, Nausea, Vomiting.

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

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:**

Species	Test	Value	Units
RAINBOW TROUT ( <i>Oncorhynchus mykiss</i> )	96H LC50	5540	mg/l
PIMEPHALES PROMELAS	96H LC50	>100	mg/l
Daphnia magna	48H EC50	8800	mg/l
ACTIVATED SLUDGE	-	1000	mg/l
Daphnia magna	NOEC	2.212	mg/l

**Hazardous ingredients:**

**ACETONE**

BLUEGILL ( <i>Lepomis macrochirus</i> )	LC50	8300	mg/l
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**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Soluble in water.

[cont...]

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

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1090

**14.2. UN proper shipping name**

**Shipping name:** ACETONE

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

**Transport class:** 3

**14.4. Packing group**

**Packing group:** II

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 2

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

[cont...]



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**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.