



**CHESTNUT**  
P R O D U C T S

**SAFETY DATA SHEET**  
**Cellulose Sanding Sealer**

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

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

**1.1. Product identifier**

**Product name** Cellulose Sanding Sealer

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

**Identified uses** Air drying paint/lacquer product for interior use.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Chestnut Products  
PO BOX 260,  
Stowmarket,  
IP14 9BX  
+44 (0) 1473 890118  
+44 (0) 1473 206522  
mailroom@chestnutproducts.co.uk

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0)1473 425878 (09:00-17:00 Mon- Fri)

**SECTION 2: Hazards identification**

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

**Classification**

**Physical hazards** Flam. Liq. 2 - H225

**Health hazards** Eye Dam. 1 - H318 STOT SE 3 - H336

**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** F; R11. Xi; R41. R66, R67

**2.2. Label elements**

**Pictogram**



**Signal word**

Danger

**Hazard statements**

H225 Highly flammable liquid and vapour.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/doctor.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
<b>Supplemental label information</b>	EUH066 Repeated exposure may cause skin dryness or cracking.
<b>Contains</b>	Propan-1-ol, Ethyl acetate, n-Butyl acetate
<b>Supplementary precautionary statements</b>	<p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P261 Avoid breathing vapour/spray.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P312 Call a POISON CENTER/doctor if you feel unwell.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P405 Store locked up.</p>

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Propan-1-ol</b>	<b>25 - &lt;50%</b>
CAS number: 71-23-8	EC number: 200-746-9
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F; R11. Xi; R41. R67
Eye Dam. 1 - H318	
STOT SE 3 - H336	
<b>Ethyl acetate</b>	<b>10 - &lt;25%</b>
CAS number: 141-78-6	EC number: 205-500-4
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 2 - H225	F; R11. Xi; R36. R66, R67
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

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<b>n-Butyl acetate</b>	<b>10 - &lt;25%</b>
CAS number: 123-86-4	EC number: 204-658-1
<b>Classification</b> Flam. Liq. 3 - H226 STOT SE 3 - H336	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10, R66, R67
<b>Isobutyl acetate</b>	<b>10 - &lt;25%</b>
CAS number: 110-19-0	EC number: 203-745-1
<b>Classification</b> Flam. Liq. 2 - H225	<b>Classification (67/548/EEC or 1999/45/EC)</b> F; R11, R66
<b>Ethanol</b>	<b>2.5 - &lt;5%</b>
CAS number: 64-17-5	EC number: 200-578-6
Substance with National workplace exposure limits.	
<b>Classification</b> Flam. Liq. 2 - H225	<b>Classification (67/548/EEC or 1999/45/EC)</b> F; R11

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>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Do not rub eye. Continue to rinse for at least 15 minutes and get medical attention.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect. Visual disturbances, including blurred vision.

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<b>Ingestion</b>	May cause nausea, headache, dizziness and intoxication.
<b>Skin contact</b>	This product is rapidly absorbed through the skin and may cause symptoms similar to those of ingestion. Repeated exposure may cause skin dryness or cracking.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

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

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards** Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.

**Hazardous combustion products** Hydrocarbons. Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Alcohols.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

**Personal precautions** Evacuate area. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Wear protective clothing as described in Section 8 of this safety data sheet. Promptly remove any clothing that becomes contaminated.

### 6.2. Environmental precautions

**Environmental precautions** Immiscible with water. Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment.

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

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**Methods for cleaning up** Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Wear protective clothing as described in Section 8 of this safety data sheet. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Large Spillages: Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. For waste disposal, see Section 13. Wash thoroughly after dealing with a spillage.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Handle all packages and containers carefully to minimise spills. Do not handle broken packages without protective equipment. Keep container tightly sealed when not in use. Do not reuse empty containers.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

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

**Storage precautions** Store locked up. Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Protect containers from damage.

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### Propan-1-ol

Long-term exposure limit (8-hour TWA): WEL 200 ppm 500 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 250 ppm 625 mg/m<sup>3</sup>

Sk

##### Ethyl acetate

Long-term exposure limit (8-hour TWA): WEL 200 ppm

Short-term exposure limit (15-minute): WEL 400 ppm

##### n-Butyl acetate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m<sup>3</sup>

##### Isobutyl acetate

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 187 ppm 903 mg/m<sup>3</sup>

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### Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

Sk = Can be absorbed through the skin.

### n-Butyl acetate (CAS: 123-86-4)

<b>DNEL</b>	<p>Consumer - Inhalation; Short term local effects: 859.7 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Short term systemic effects: 859.7 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Short term local effects: 960 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Short term systemic effects: 960 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term local effects: 102.34 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term systemic effects: 102.34 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Long term local effects: 480 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Long term systemic effects: 480 mg/m<sup>3</sup></p>
<b>PNEC</b>	<p>- Fresh water; 0.18 mg/l</p> <p>- Sediment (Freshwater); 0.981 mg/kg</p> <p>- Marine water; 0.018 mg/l</p> <p>- Sediment (Marinewater); 0.981 mg/kg</p> <p>- STP; 35.6 mg/l</p> <p>- Soil; 0.0903 mg/kg</p>

### Ethanol (CAS: 64-17-5)

<b>DNEL</b>	<p>Consumer - Oral; Long term systemic effects: 87 mg/kg/day</p> <p>Consumer - Dermal; Long term systemic effects: 206 mg/kg/day</p> <p>Industry - Dermal; Long term systemic effects: 343 mg/kg/day</p> <p>Consumer - Inhalation; Short term local effects: 950 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Short term local effects: 1900 mg/m<sup>3</sup></p> <p>Consumer - Inhalation; Long term systemic effects: 114 mg/m<sup>3</sup></p> <p>Industry - Inhalation; Long term systemic effects: 950 mg/m<sup>3</sup></p>
<b>PNEC</b>	<p>- Fresh water; 0.96 mg/l</p> <p>- Sediment (Freshwater); 3.6 mg/kg</p> <p>- Marine water; 0.79 mg/l</p> <p>- Soil; 0.63 mg/kg</p>

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. 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. Wear chemical splash goggles.

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<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as deterioration is detected.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent repeated or prolonged skin contact.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Combination filter, type A2/P3.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use. Avoid release to the environment.

### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	No data available.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	94°C
<b>Flash point</b>	12°C
<b>Evaporation rate</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapour pressure</b>	<110 kPa @ 25°C
<b>Vapour density</b>	Not available.
<b>Relative density</b>	>1
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

#### 9.2. Other information

<b>Volatile organic compound</b>	This product contains a maximum VOC content of 656 g/l.
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## Cellulose Sanding Sealer

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** See the other subsections of this section for further details.

#### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** The following materials may react strongly with the product: Oxidising agents.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.

#### 10.5. Incompatible materials

**Materials to avoid** Oxidising materials. Acids - oxidising.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Animal data** Repeated exposure may cause skin dryness or cracking.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Eye Dam. 1 - H318 Causes serious eye damage.

##### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

##### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### **IARC carcinogenicity**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 May cause drowsiness or dizziness.

**Target organs** Central nervous system

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Based on available data the classification criteria are not met.

### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### Inhalation

A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.

### Ingestion

Symptoms following overexposure may include the following: May cause nausea, headache, dizziness and intoxication. Unconsciousness.

### Skin contact

This product is rapidly absorbed through the skin and may cause symptoms similar to those of ingestion. Prolonged contact may cause dryness of the skin.

### Eye contact

Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

### Route of entry

Ingestion Inhalation Skin and/or eye contact

### Target organs

Central nervous system

### Toxicological information on ingredients.

#### Propan-1-ol

##### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 5,400.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 5,400.0

##### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 4,032.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

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**ATE dermal (mg/kg)** 4,032.0

### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 33.9

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 33.9

### Skin corrosion/irritation

**Animal data** Dose: 1 mL, 20 hours, Rabbit Erythema/eschar score: No erythema (0). REACH dossier information. Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - development** Developmental toxicity: - NOAEC: 8730 mg/m<sup>3</sup>, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEC 8000 mg/m<sup>3</sup>, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

## Ethyl acetate

### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 4,934.0

**Species** Rabbit

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 4,934.0

### Acute toxicity - dermal

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**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 20,001.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 20,001.0

### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Animal data** Dose: 0.5 mL, 24 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

### Skin sensitisation

**Skin sensitisation** Guinea pig maximization test (GPMT) - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Gene mutation: Negative. REACH dossier information. Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Reproductive toxicity - fertility** Fertility - NOAEL 1500 ppm, Inhalation, Rat P REACH dossier information. Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Maternal toxicity: - NOAEL: 2200 mg/kg/day, Oral, Mouse REACH dossier information. Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 May cause drowsiness or dizziness.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEL 900 mg/kg/day, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Aspiration hazard

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**Aspiration hazard** Based on available data the classification criteria are not met.

### n-Butyl acetate

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 10,760.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 10,760.0

#### Acute toxicity - dermal

**Acute toxicity dermal (LD<sub>50</sub> mg/kg)** 14,112.0

**Species** Rabbit

**Notes (dermal LD<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE dermal (mg/kg)** 14,112.0

#### Acute toxicity - inhalation

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 21.0

**Species** Rat

**Notes (inhalation LC<sub>50</sub>)** REACH dossier information. Based on available data the classification criteria are not met.

**ATE inhalation (vapours mg/l)** 21.0

#### Skin corrosion/irritation

**Animal data** Dose: 0.5 mL, 4 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). REACH dossier information. Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Buehler test - Guinea pig: Not sensitising. REACH dossier information. Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vitro** Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Chromosome aberration: Negative. REACH dossier information. Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Two-generation study - NOAEC 2000 ppm, Inhalation, Rat F1 REACH dossier information. Based on available data the classification criteria are not met.

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**Reproductive toxicity - development** Developmental toxicity: - LOAEC: 1500 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H336 May cause drowsiness or dizziness.

**Target organs** Central nervous system

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEC 500 ppm, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.

## SECTION 12: Ecological Information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

### 12.1. Toxicity

**Toxicity** Based on available data the classification criteria are not met.

### Ecological information on ingredients.

#### Propan-1-ol

**Toxicity** Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 4555 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 48 hours: 1000 mg/l, Freshwater invertebrates

**Acute toxicity - aquatic plants** NOEC, 48 hours: 1150 mg/l, Freshwater algae

#### Ethyl acetate

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 230 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** IC<sub>50</sub>, 24 hours: 346 mg/l, Artemia salina

**Acute toxicity - aquatic plants** NOEC, 72 hours: >100 mg/l, Scenedesmus subspicatus

#### n-Butyl acetate

**Toxicity** Aquatic toxicity is unlikely to occur. Based on available data the classification criteria are not met.

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: 18 mg/l, Pimephales promelas (Fat-head Minnow)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 44 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: 674.7 mg/l, Scenedesmus subspicatus

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**Chronic toxicity - aquatic invertebrates** NOEC, 21 days: 23 mg/l, Daphnia magna

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Ecological information on ingredients.

#### Propan-1-ol

**Persistence and degradability** The product is readily biodegradable.

**Phototransformation** Air - DT<sub>50</sub> : 3 days

**Biodegradation** Water - Degradation 81%: 15 days

#### Ethyl acetate

**Persistence and degradability** The product is readily biodegradable.

**Phototransformation** Air - DT<sub>50</sub> : 14.6 hours

**Stability (hydrolysis)** pH7 - Half-life : 24 months @ 25°C  
pH9 - Half-life : 7.5 days @ 25°C

**Biodegradation** Water - Degradation 69%: 15 days

**Chemical oxygen demand** 1.69 g O<sub>2</sub>/g substance

#### n-Butyl acetate

**Persistence and degradability** The product is readily biodegradable.

**Phototransformation** Air - DT<sub>50</sub> : 3.3 days

**Biodegradation** Water - Degradation 83%: 28 days

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient** Not available.

### Ecological information on ingredients.

#### Propan-1-ol

**Bioaccumulative potential** BCF: 0.88, Estimated value.

#### Ethyl acetate

**Bioaccumulative potential** BCF: 30, Leuciscus idus (Golden orfe)

**Partition coefficient** log Pow: 0.68

#### n-Butyl acetate

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**Bioaccumulative potential** BCF: 15.3, Estimated value.

**Partition coefficient** log Pow: 2.3

### 12.4. Mobility in soil

**Mobility** The product is insoluble in water. Volatile liquid. The product contains organic solvents which will evaporate easily from all surfaces.

#### Ecological information on ingredients.

##### Propan-1-ol

**Mobility** Mobile.

**Henry's law constant** 0.177 Pa m<sup>3</sup>/mol @ 20°C Estimated value.

**Surface tension** 70.8 mN/m @ 20°C

##### Ethyl acetate

**Mobility** The product is soluble in water.

##### n-Butyl acetate

**Mobility** Mobile.

**Adsorption/desorption coefficient** Soil - log Koc: 1.268-1.844 @ 25°C

**Henry's law constant** 28.5 Pa m<sup>3</sup>/mol @ 25°C

**Surface tension** 61.3 mN/m @ 20°C

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### Ecological information on ingredients.

##### Propan-1-ol

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

##### Ethyl acetate

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

##### n-Butyl acetate

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

## Cellulose Sanding Sealer

### 13.1. Waste treatment methods

<b>General information</b>	The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

#### 14.1. UN number

UN No. (ADR/RID)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (ADN)	1263

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT
Proper shipping name (ADN)	PAINT

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

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

#### Transport labels



#### 14.4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ADN packing group	II
ICAO packing group	II

## Cellulose Sanding Sealer

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-E, S-E

ADR transport category 2

Emergency Action Code •3YE

Hazard Identification Number 33  
(ADR/RID)

Tunnel restriction code (D/E)

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

## SECTION 15: Regulatory information

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

**National regulations** Health and Safety at Work etc. Act 1974 (as amended).  
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].  
EH40/2005 Workplace exposure limits.

**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).  
Commission Regulation (EU) No 453/2010 of 20 May 2010.  
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 (as amended).  
Dangerous Preparations Directive 1999/45/EC.  
Dangerous Substances Directive 67/548/EEC.

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

#### Inventories

##### EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

## SECTION 16: Other information

**Classification procedures according to Regulation (EC) 1272/2008** Eye Dam. 1 - H318: STOT SE 3 - H336: : Calculation method. Flam. Liq. 2 - H225: : Expert judgement.

## Cellulose Sanding Sealer

<b>Training advice</b>	Read and follow manufacturer's recommendations.
<b>Revision comments</b>	Classification according to EC 1272/2008 (CLP).
<b>Revision date</b>	26/05/2015
<b>Revision</b>	6
<b>Supersedes date</b>	14/05/2014
<b>SDS number</b>	2870
<b>Risk phrases in full</b>	R10 Flammable. R11 Highly flammable. R36 Irritating to eyes. R41 Risk of serious damage to eyes. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H318 Causes serious eye damage. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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.