



**HMG Coatings (South) Ltd**  
 Faraday Park  
 West Portway Ind Est  
 Andover  
 Hants  
 SP10 3SA  
**Tel:** 01264 356296  
**Fax:** 01264 338123

## PRODUCT NAME

**Wood Stain**

Material Safety Datasheet

## 1. Identification of the substance/mixture and of the company/undertaking

**Product:** Wood Stain  
**Limitations of Use:** For Professional use only.  
**Product No:**  
**Company:** **HMG COATINGS SOUTH LTD**  
 Faraday Park  
 West Portway Ind Est  
 Andover  
 Hants  
 SP10 3SA  
  
**Telephone:** 01264 356296  
**Fax:** 01264 338123  
**Web:** www.hmgcoatings.com

## 2. Hazards identification

### Classification of the substance or mixture

#### Classification according to Directive 67/548/EEC or Directive 1999/45/EC



Xn; Harmful

R48/20-63-65: Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
 Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed.



Xi; Irritant

R36/38: Irritating to eyes and skin.



F; Highly flammable

R11: Highly flammable.

R67: Vapours may cause drowsiness and dizziness.

#### Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Has a narcotizing effect.

#### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.  
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#### Label elements

##### Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

##### Code letter and hazard designation of product:

Xn Harmful

F Highly flammable

##### Hazard-determining components of labelling:

toluene

##### Risk phrases:

11 Highly flammable.

36/38 Irritating to eyes and skin.

48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

63 Possible risk of harm to the unborn child.

65 Harmful: may cause lung damage if swallowed.

67 Vapours may cause drowsiness and dizziness.



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### Safety phrases:

9 Keep container in a well-ventilated place.  
 16 Keep away from sources of ignition - No smoking.  
 23 Do not breathe fumes/vapour/spray  
 25 Avoid contact with eyes.  
 36/37 Wear suitable protective clothing and gloves.  
 60 This material and its container must be disposed of as hazardous waste.

### Other hazards

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

## 3. Composition/information on ingredients

### Chemical characterization: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Dangerous components:

CAS: 108-88-3 EINECS: 203-625-9	toluene Xi R38;  F R11 R67 Repr. Cat. 3	25-50%
CAS: 67-64-1 EINECS: 200-662-2	propan-2-one Xi R36  F R11 R66-67	25-50%
CAS: 123-42-2 EINECS: 204-626-7	4-hydroxy-4-methylpentan-2-one Xi R36	10-25%
CAS: 123-86-4 EINECS: 204-658-1	Butyl ethanoate R10-66-67	2.5-10%

**Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4. First aid measures

### Description of first aid measures

**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

#### After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** If symptoms persist consult doctor.

#### Information for doctor:

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

## 5. Firefighting measures

### Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**Special hazards arising from the substance or mixture** No further relevant information available.

#### Advice for firefighters

**Protective equipment:** Put on breathing apparatus



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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

### Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/ surface or ground water.

### Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. Handling and storage

### Handling:

#### Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/extraction at the workplace.

Prevent formation of aerosols.

#### Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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

##### Storage:

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

#### Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**Specific end use(s)** No further relevant information available.

## 8. Exposure controls/personal protection

**Additional information about design of technical facilities:** No further data; see item 7.

### Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

##### 108-88-3 toluene

WEL Short-term value: 384 mg/m<sup>3</sup>, 100 ppm

Long-term value: 191 mg/m<sup>3</sup>, 50 ppm

Sk

##### 67-64-1 propan-2-one

WEL Short-term value: 3620 mg/m<sup>3</sup>, 1500 ppm

Long-term value: 1210 mg/m<sup>3</sup>, 500 ppm

##### 123-42-2 4-hydroxy-4-methylpentan-2-one

WEL Short-term value: 362 mg/m<sup>3</sup>, 75 ppm

Long-term value: 241 mg/m<sup>3</sup>, 50 ppm



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### 123-86-4 Butyl ethanoate

WEL Short-term value: 966 mg/m<sup>3</sup>, 200 ppm  
 Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

**Additional information:** The lists valid during the making were used as basis.

#### Exposure controls

#### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.

**Respiratory protection:** When spraying the product, use a respiratory protective device.

#### Protection of hands:

When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.



Eye protection:

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

#### Appearance:

<b>Form:</b>	Fluid
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>pH-value:</b>	Not determined.
<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	55 °C
<b>Flash point:</b>	-19 °C
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	465 °C
<b>Decomposition temperature:</b>	Not determined.
<b>Self-igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
<b>Vapour pressure at 20 °C:</b>	233 hPa
<b>Density at 20 °C:</b>	0.846 g/cm <sup>3</sup>
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.



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**Solubility in / Miscibility with water:** NOT MISCIBLE  
**Segregation coefficient (n-octanol/water):** Not determined.  
**Viscosity:**  
**Dynamic:** Not determined.  
**Kinematic:** Not determined.  
**Solvent content:**  
**Organic solvents:** 83.6 %  
**Other information** No further relevant information available.

## 10. Stability and reactivity

### Reactivity

#### Chemical stability

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

##### 108-88-3 toluene

Oral LD50 5000 mg/kg (rat)

Dermal LD50 12124 mg/kg (rab)

Inhalative LC50/4 h 5320 mg/l (mus)

#### Primary irritant effect:

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

**Sensitization:** No sensitizing effects known.

#### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

## 12. Ecological information

### Toxicity

**Acquatic toxicity:** No further relevant information available.

**Persistence and degradability** No further relevant information available.

#### Behaviour in environmental systems:

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

#### Additional ecological information:

##### General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.



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### 13. Disposal considerations

#### Waste treatment methods

##### Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

### 14. Transport information

<b>UN-Number</b>	UN1263
<b>ADR, IMDG, IATA</b>	
<b>UN proper shipping name</b>	1263 PAINT RELATED MATERIAL (vapour pressure at 50°C not more than 110 kPa)
<b>ADR</b>	PAINT RELATED MATERIAL
<b>IMDG, IATA</b>	
<b>Transport hazard class(es)</b>	
<b>ADR</b>	
<b>Class</b>	3 Flammable liquids.
<b>Label</b>	3
<b>IMDG, IATA</b>	
<b>Class</b>	3 Flammable liquids.
<b>Label</b>	3
<b>Packing group</b>	
<b>ADR, IMDG, IATA</b>	II
<b>Environmental hazards:</b>	
<b>Marine pollutant:</b>	No
<b>Special precautions for user</b>	Warning: Flammable liquids.
<b>Danger code (Kemler):</b>	33
<b>EMS Number:</b>	F-E,S-E
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b>	
<b>ADR</b>	
<b>Tunnel restriction code</b>	D/E

### 15. Regulatory information (Supply and Labelling)

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

##### National regulations:

##### Technical instructions (air):

Class	Share in %
NK	100.0

**Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.



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## 16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Relevant phrases

R10 Flammable.

R11 Highly flammable.

R36 Irritating to eyes.

R38 Irritating to skin.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63 Possible risk of harm to the unborn child.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

**Department issuing MSDS:** Product safety department: LABORATORY

**Contact:** Health & Safety Officer