



The following technical datasheet is provided by Rustins.

For further information please either give us a call or visit the manufacturer's website.

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All information is correct at the time of download from the manufacturer.

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Registered in England under Company No: 03746590 VAT No: 765 9995 45

### PRODUCT DATA SHEET

<b>Product</b>	<b>Wood Dye</b>
<b>Type</b>	Microfine pigments and binders, dispersed in hydrocarbon solvent.
<b>Intended Use</b>	For application to all types of new bare wood or that has been stripped. Suitable for interior and exterior use. The dye must be over-coated/sealed.
<b>Special Features</b>	11 natural wood shades, which can be inter-mixed. Non-fading. Non-bleeding. Does not raise the grain of the wood. Quick drying. <b>Conforms to Safety of Toys Regulations BS EN 71 Part 3 1995. Note The final colour achieved depends on the original colour of the Wood and the type of coating/finish applied over the dye.</b>
<b>Preparation</b>	Wood must be clean, dry and free of wax, previous coatings and contaminants.
<b>Application</b>	Using a rag or brush, apply an even coat and wipe off any excess. The result will be much darker on softwoods than on hardwoods. For a lighter shade, dilute with White Spirit, 2 parts dye to 1 part White Spirit. Before use check that the colour is what is required.
<b>Coats</b>	Usually 1 application is sufficient, or 2 for a darker colour.
<b>Drying Time</b>	6-8 hours under normal conditions, depending on the absorbency of the wood.
<b>Re-coating Time</b>	8 hours typically, but preferably overnight if applying acrylic water-based varnishes.
<b>Application Temp.</b>	Ideally 15-25°C.
<b>Coverage</b>	Up to 24 sq.m per litre, per coat, depending on the absorbency of the wood.
<b>Maintenance</b>	N/A
<b>Compatibility</b>	Can be used under all Rustins wood finishes, such as <b>Quick Drying Varnish, Polyurethane Varnish, Plastic Coating, Danish Oil, Teak Oil, French Polish/Shellac</b> . It can be mixed with Rustin's Polyurethane Varnish, Danish Oil and Teak Oil at up to 20%. However, the best result is achieved by application of dye to bare wood.
<b>Settlement</b>	<b>STIR WELL AND SHAKE VIGOURSLY BEFORE USE.</b> Special note: To ensure the correct shade is obtained, it is advisable to stir the contents at the bottom of the container then shake well before use. If more than one container is to be used, these must be mixed together before use, to ensure no variation in shade. Before use check that the colour is what is required.
<b>Shelf-life/Storage</b>	Many years if stored in original, tightly closed container, in a cool dry place.
<b>Hazards</b>	Flammable. Harmful. May cause lung damage if swallowed. Keep out of reach of children. Use only in well ventilated areas. If swallowed do not induce vomiting; seek medical advice immediately and show the container. Keep away from sources of ignition. A full Health & Safety Data Sheet is available upon request or on <a href="http://www.rustins.co.uk">www.rustins.co.uk</a>
<b>Clean-Up</b>	Equipment can be cleaned using White Spirit.
<b>Sizes</b>	125ml    250ml    1 L    2.5 L



## SAFETY DATA SHEET

WOOD DYE

Page: 1

Compilation date: 08/11/2017

Revision date: 03/01/2020

Revision No: 3

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

#### 1.1. Product identifier

**Product name:** WOOD DYE

**Synonyms:** WOOD DYE

#### 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

**Company name:** Rustins Ltd

Waterloo Road

Cricklewood

London

NW2 7TX

United Kingdom

**Tel:** +44 (0)208 450 4666

**Fax:** +44 (0)208 452 2008

**Email:** [rustins@rustins.co.uk](mailto:rustins@rustins.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** .+44(0)2084504666 (Office hours only)

### Section 2: Hazards identification

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

**Classification under CLP:** STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Skin Irrit. 2: H315

**Most important adverse effects:** Flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



[cont...]

# SAFETY DATA SHEET

## WOOD DYE

Page: 2

**Signal words:** Warning

**Precautionary statements:** P280: Wear eye protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

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.

P312: Call POISON CENTER/doctor if you feel unwell.

P370+P378: In case of fire: Use media other than water to extinguish.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

##### 3-BUTOXYPROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
225-878-4	5131-66-8	-	Eye Irrit. 2: H319; Skin Irrit. 2: H315	20.950%

##### 1,2,4-TRIMETHYLBENZENE

202-436-9	95-63-6	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	0.751%
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##### LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

265-199-0	64742-95-6	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	0.501%
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##### MESITYLENE

203-604-4	108-67-8	-	Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	0.125%
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## 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. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

[cont...]

# SAFETY DATA SHEET

WOOD DYE

Page: 3

## 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.

**Ingestion:** There may be vomiting and diarrhoea. There may be shortness of breath due to congestion of the lungs.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Dry chemical powder. Alcohol resistant foam. Do not use water.

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

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Flammable.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

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

**Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Transfer to a suitable container.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Earth any equipment used in handling. Use non-sparking tools.

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

**Storage conditions:** Keep away from direct sunlight. Store in a cool, well ventilated area.

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

[cont...]

# SAFETY DATA SHEET

WOOD DYE

Page: 4

## 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**1,2,4-TRIMETHYLBENZENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	125 mg/m <sup>3</sup>	-	-	-

**MESITYLENE**

UK	25 ppm	-	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Colour Range

**Odour:** Paraffinic.

**Evaporation rate:** No data available.

**Oxidising:** No data available.

**Solubility in water:** Not miscible

**Also soluble in:** Benzene.

**Viscosity:** Non-viscous

**Boiling point/range°C:** 150-190

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** 38

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** No data available.

**Vapour pressure:** No data available.

**Relative density:** 0.850 @ 20 C

**pH:** No data available.

**VOC g/l:** No data available.

[cont...]

# SAFETY DATA SHEET

WOOD DYE

Page: 5

## 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.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Sources of ignition. Direct sunlight. Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Oxidising agents. Strong acids.

### 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:**

#### 3-BUTOXYPROPAN-2-OL

SKN	RBT	LD50	3100	mg/kg
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#### 1,2,4-TRIMETHYLBENZENE

IPR	RAT	LDLO	1752	mg/kg
ORL	RAT	LD50	5	gm/kg

#### LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	mg/kg
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#### MESITYLENE

IPR	GPG	LDLO	1303	mg/kg
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[cont...]

# SAFETY DATA SHEET

WOOD DYE

Page: 6

## Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
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.

**Ingestion:** There may be vomiting and diarrhoea. There may be shortness of breath due to congestion of the lungs.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur.

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

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 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:** Toxic to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

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

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

[cont...]



# SAFETY DATA SHEET

WOOD DYE

Page: 7

## Section 14: Transport information

### 14.1. UN number

UN number: UN1263

### 14.2. UN proper shipping name

Shipping name: PAINT

including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base

### 14.3. Transport hazard class(es)

Transport class: 3

### 14.4. Packing group

Packing group: III

### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: Yes

### 14.6. Special precautions for user

Tunnel code: D/E

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

Chemical safety assessment: Safety Data Sheet complies with UK regulatory references in accordance with CHIP 3.1.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

**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

[cont...]

## **SAFETY DATA SHEET**

WOOD DYE

**Page: 8**

damage resulting from handling or from contact with the above product. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.