

# C. ROBERSON & CO

EST. LONDON 1810

## SAFETY DATA SHEET

According to Regulation (EC) No.1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY:

Trade Name:	Application:	Manufacturer/Supplier:
Brush Bath	Brush cleaner for cellulose based paints.	C. Roberson & Co Ltd Unit 1, 88-91 Scrubs Lane London NW10 6QU Phone: +44 (0) 20-7272 0567 Fax: +44 (0) 20-7263 0212

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS:

Name:	Index-No.	CAS-NO.:	EC-NO.:	Amount [%]:
XYLENE	601-022-00-9	1330-20-7	215-535-7	<= 100

### SECTION 3: HAZARDS IDENTIFICATION:

**Classification:** (regulation (EC) no 1272/2008)

H226 – Physical Flam. Liquid & vapour - Category 3  
 H312 – Harmful in contact with skin. Acute toxicity, Category 4  
 H315 – Causes skin irritation. Skin corrosion/irritation, Category 2  
 H332 – Harmful if Inhaled. Acute toxicity, Category 4

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Classification**  
according to EU  
Directives 67/548/EEC or  
1999/45/EC

Hazard symbol / Category of danger	Risk phrases
	R10
Harmful (Xn)	R20/21
Irritant (Xi)	R38

For the full text of the R-phrases mentioned in this Section, see Section 16.

#### Most important adverse effects:

**Human Health** See section 11 for toxicological information. No further information available.

**Physical and chemical hazards** See section 9 for physicochemical information. No further information available.

**Potential environmental effects** See section 12 for environmental information. No further information available.

**Label elements:**  
(Labelling according to  
Regulation (EC)  
No 1272/2008)

Hazards Pictograms:



Signal Word: Warning

Date Modified: 02/2/2021

# C. ROBERSON & CO

EST. LONDON 1810

## SECTION 3: HAZARDS IDENTIFICATION (Cont.):

**Hazards statements:** H226 Flammable liquid and vapour.  
 H332 Harmful if inhaled.  
 H312 Harmful in contact with skin.  
 H315 Causes skin irritation.

### Precautionary statements:

**Prevention:** P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P243 Take precautionary measures against static discharge.  
 P280 Wear protective gloves/ protective clothing/  
 eye protection/ face protection.

**Response:** P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

### Hazardous components which must be listed on the label:

XYLENE

**Other Hazards:** No other information is available.

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

**General advice:** Remove from exposure, lie down. Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Take off all contaminated clothing immediately. Symptoms of poisoning may not appear for several hours. Keep under medical supervision for at least 48 hours. Consult a physician.

**If inhaled:** Remove to fresh air. Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

**In case of skin contact:** Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

**In case of eye contact:** Rinse thoroughly with plenty of water, also under the eyelids. Consult a physician.

**If swallowed:** Clean mouth with water and drink afterwards plenty of water. If swallowed, do not induce vomiting - seek medical advice.

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

**Symptoms:** No further information available.

**Effects:** No further information available.

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

**Treatment** Treat symptomatically.

# C. ROBERSON & CO

EST. LONDON 1810

## SECTION 5: FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	<b>Suitable extinguishing media:</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
	<b>Unsuitable extinguishing media:</b>	High volume water jet
<b>Special hazards arising from the substance or mixture:</b>	<b>Specific hazards during firefighting :</b>	Flammable. Vapours are heavier than air and may spread along floors.
	<b>Hazardous decomposition products.</b>	Carbon oxides.
<b>Advice for firefighters:</b>	<b>Special protective equipment for fire-fighters</b>	In the event of fire, wear self-contained breathing apparatus. Wear appropriate body protection (full protective suit)
<b>Further information:</b>	Cool closed containers exposed to fire with water spray. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.	

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions:</b>	Use personal protective equipment. Keep people away from and upwind of spill/leak. Provide adequate ventilation. Keep away from heat and sources of ignition. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapour/spray. For personal protection see section 8.
<b>Environmental precautions:</b>	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.
<b>Methods and materials for containment and cleaning up:</b>	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Ensure adequate ventilation. This material and its container must be disposed of as hazardous waste.
<b>Further information:</b>	Risk of explosion. If substance has entered a water course or sewer or contaminated soil or vegetation advise fire brigade or police Vapours may form explosive mixtures with air. Treat recovered material as described in the section "Disposal considerations".
<b>Reference to other sections:</b>	For personal protection see section 8.

## SECTION 7: HANDLING AND STORAGE

### Precaution for safe handling.

<b>Advice on safe handling:</b>	Handle in accordance with good industrial hygiene and safety practice. Keep container tightly closed. Provide sufficient air exchange and/or exhaust in work rooms. Avoid contact with skin, eyes and clothing. Do not empty into drains. Do not breathe vapours or spray mist. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.
<b>Hygiene measures:</b>	Take off all contaminated clothing immediately. Avoid contact with the skin and the eyes. Do not breathe gas/fumes/vapour/spray. Smoking, eating and drinking should be prohibited in the application area. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday
<b>Conditions for safe storage, including any incompatibilities.</b>	
<b>Requirements for storage areas and containers</b>	Keep in an area equipped with solvent resistant flooring. Suitable materials for containers: Stainless steel Unsuitable materials for containers: Polyvinylchloride polyethylene containers Rubber products Keep away from heat and sources of ignition.

Date Modified: 02/2/2021

# C. ROBERSON & CO

EST. LONDON 1810

## SECTION 7: HANDLING AND STORAGE (Cont.)

### Conditions for safe storage, including any incompatibilities(Cont.).

#### Advice on protection against fire and explosion:

Use only explosion-proof equipment. Use only in an area containing explosion proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

#### Further information on storage conditions:

Keep tightly closed in a dry and cool place. Keep in a wellventilated place. Keep away from heat.

#### Advice on common storage

Incompatible with oxidizing agents.

#### German storage class

3 Flammable Liquids

#### Specific end uses

No information available.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters.

Component: xylene CAS-No. 1330-20-7	
Other OELs	
Regulatory Basis	EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.
Regulatory List	EU ELV
Value type	Time Weighted Average (TWA):
Value	50 ppm
Value	221 mg/m <sup>3</sup>
Remarks	Indicative
Regulatory Basis	EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.
Regulatory List	EU ELV
Value type	Short Term Exposure Limit (STEL):
Value	100 ppm
Value	442 mg/m <sup>3</sup>
Remarks	Indicative
Regulatory Basis	UK. EH40 Workplace Exposure Limits (WELs)
Regulatory List	EH40 WEL
Value type	Skin designation:
Remarks	Can be absorbed through the skin.
Regulatory Basis	EU. Indicative Exposure and Directives relating to the protection of risks related to work exposure to chemical, physical, and biological agents.
Regulatory List	EU ELV
Value type	Time Weighted Average (TWA):
Value	50 ppm
Value	220 mg/m <sup>3</sup>

# C. ROBERSON & CO

EST. LONDON 1810

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION(Cont.):**

Component: xylene CAS-No. 1330-20-7	
Other OELs	
Regulatory Basis	UK. EH40 Workplace Exposure Limits (WELs)
Regulatory List	EH40 WEL
Value type	Short Term Exposure Limit (STEL):
Value	100 ppm
Value	441 mg/m <sup>3</sup>

### Exposure controls

#### Engineering measures

Refer to protective measures listed in sections 7 and 8.

### Personal protective equipment

#### Respiratory protection

Use respirator with appropriate filter if vapours or aerosol are released. Recommended Filter type:A

#### Hand protection

Wear suitable gloves. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Protective gloves should be replaced at first signs of wear.  
 Material : fluorocarbon rubber  
 Gloves : >= 8 h  
 Glove thickness : 0.4 mm

#### Eye protection

Tightly fitting safety goggles

#### Skin and body protection

Wear suitable protective clothing.

### Environmental exposure controls

#### General advice

Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Local authorities should be advised if significant spillages cannot be contained. If the product contaminates rivers and lakes or drains inform respective authorities.

Date Modified: 02/2/2021

# C. ROBERSON & CO

EST. LONDON 1810

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES Information on basic physical and chemical properties.

<b>Form:</b>	liquid
<b>Color:</b>	colourless
<b>Odor:</b>	aromatic
<b>Odour Threshold:</b>	Currently we do not have any Information from our supplier about this.
<b>pH:</b>	Currently we do not have any Information from our supplier about this
<b>Freezing point:</b>	-25 °C
<b>Boiling point:</b>	137 - 143 °C
<b>Flash point: 25 °C</b>	25 °C
<b>Evaporation rate:</b>	Currently we do not have any Information from our supplier about this.
<b>Flammability (solid, gas)</b>	Currently we do not have any Information from our supplier about this.
<b>Upper explosion limit</b>	7 %(V)
<b>Lower explosion limit</b>	1 %(V)
<b>Vapour pressure</b>	8 hPa, 20 °C
<b>Relative vapour density</b>	Currently we do not have any Information from our supplier about this.
<b>Density</b>	0.87 g/cm <sup>3</sup> , 20 °C
<b>Water solubility</b>	9 g/l, 25 °C
<b>Partition coefficient: n-octanol/water</b>	2.77 - 3.15
<b>Ignition temperature</b>	ca. 460 °C
<b>Thermal decomposition</b>	Currently we do not have any Information from our supplier about this.
<b>Viscosity, dynamic</b>	0.61 mPa.s, 20 °C
<b>Explosive properties</b>	Currently we do not have any Information from our supplier about this.
<b>Oxidizing properties</b>	Currently we do not have any Information from our supplier about this.

**Other information** No further information available.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity Advice:** No information available.

**Chemical stability Advice:** No decomposition if stored and applied as directed. No further information available.

**Possibility of hazardous reactions Hazardous reactions:** Vapours may form explosive mixture with air. Incompatible with oxidizing agents.

**Conditions to avoid:** No information available.

**Incompatible materials:** Strong acids Strong oxidizing agents.

**Hazardous decomposition products:** None known.

# C. ROBERSON & CO

EST. LONDON 1810

## SECTION 11: TOXICOLOGICAL INFORMATION

**Product:** Xylene CAS-No. 1330-20-7

Danger by skin absorption. Prolonged skin contact may defat the skin and produce dermatitis.  
Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing. Repeated and prolonged exposure to solvents may cause brain and nervous system damage.

### Acute toxicity

**Oral:** Value type: LD50,  
Value: 4,300 mg/kg,  
Species: rat

**Inhalation:** Value type: LC50,  
Value: 21.7 mg/l,  
Exposure time: 4 h,  
Species : rat,

Remarks: These literature data deviate from the classification prescribed by the EC.

**Dermal:** Value type: LD50,  
Value: 3,200 mg/kg,  
Species: rabbit,

Remarks: These literature data deviate from the classification prescribed by the EC.

### Irritation

**Skin:** Species: rabbit,  
Result: Irritating to skin.

**Eyes:** Species: rabbit,  
Result: Mild eye irritation.

### Sensitisation

**Remarks** Patch test on human volunteers did not demonstrate sensitization properties.

## SECTION 12: ECOLOGICAL INFORMATION

### Information on ecological effect.

**Product:** Xylene CAS-No. 1330-20-7

### Acute toxicity

**Fish:** Species: Pimephales promelas,  
Exposure Time : 96 h,  
Value type : LC50,  
Value: 26.7mg/l

Species : Leuciscus idus melanotus  
Exposure Time : 48 h  
Value type : LC50  
Value : 86 mg/l

Date Modified: 02/2/2021

# C. ROBERSON & CO

EST. LONDON 1810

**SECTION 12:****ECOLOGICAL INFORMATION(Cont.):****Daphnia and other aquatic invertebrates**

Species : Daphnia magna  
 Exposure time : 24 h  
 Value type : EC50  
 Value : 165 mg/l

**Persistence and degradability****Biodegradability:**

Remarks: Readily biodegradable.

**Bioaccumulation**

Remarks: Bioaccumulation is not expected

**Additional ecological information:**

Remarks: Do not flush into surface water or sanitary sewer system. The product is insoluble and floats on water. The product evaporates readily.

**SECTION 13:****DISPOSAL CONSIDERATIONS****Waste treatment methods:**

Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Empty remaining contents. Risk of explosion. Do not burn, or use a cutting torch on, the empty drum. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of as unused product. Dispose of in accordance with local regulations.

Waste codes should be assigned by the user based on the application for which the product was used.

**SECTION 14:****TRANSPORT INFORMATION****UN number**

1307

**UN proper shipping name**

ADR: XYLENES  
 RID: XYLENES  
 IMDG: XYLENES

**Transport hazard class(es).**

ADR-Class : 3 3; F1; 30; (D/E)  
 (Labels; Classification Code; Hazard identification No; Tunnel restriction code)

RID-Class 3 3; F1; 30

(Labels; Classification Code; Hazard identification No) :

IMDG-Class 3 3; F-E, S-D

(Labels; EmS):

**Packaging group**

ADR : III  
 RID : III  
 IMDG : III

**Environmental hazards**

Labeling according to 5.2.1.8 ADR : no  
 Labeling according to 5.2.1.8 RID : no  
 Labeling according to 5.2.1.6.3 IMDG : no  
 Classification as environmentally hazardous according to 2.9.3 IMDG : no  
 Classified as "P" according to 2.10 IMDG : no



# C. ROBERSON & CO

EST. LONDON 1810

**SECTION 14: TRANSPORT INFORMATION(Cont.):**

**Special precautions for user** Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IMDG : Not applicable.

**SECTION 15: REGULATORY INFORMATION**

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

**UK ISR :** xylene: Annual reporting level threshold: 10,000 kg

**UK ISR :** xylene: Annual reporting level threshold: 10; kg

**xylene:**

Regulatory List	Notification	Notification number
AICS	YES	
DSL	YES	
INV (CN)	YES	
ENCS (JP)	YES	(3) -3
JEX (JP)	YES	(3)-3
ISHL (JP)	YES	(3 )-3
NZ CLSC	YES	
TSCA	YES	
EINECS	YES	215 -535-7
KECI (KR)	YES	97 -1-275
KECI (KR)	YES	KE -35427
PICCS (PH)	YES	

**Chemical Safety Assessment**

Currently we do not have any Information from our supplier about this.

**SECTION 16: OTHER INFORMATION**

**Full text of R-phrases referred to under sections 2 and 3.**

R10 Flammable.  
 R20/21 Harmful by inhalation and in contact with skin.  
 R38 Irritating to skin.

**Full text of H-Statements referred to under sections 2 and 3.**

H226 Flammable liquid and vapour.  
 H312 Harmful in contact with skin.  
 H315 Causes skin irritation.  
 H332 Harmful if inhaled.

Date Modified: 02/2/2021

# C. ROBERSON & CO

EST. LONDON 1810

---

**SECTION 16:**      **OTHER INFORMATION(Cont.):**

**Other information** The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

|| Indicates updated section.