Flortex PU Clear



"maintenance made easy"

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: Company Name: **FLORTEX PU CLEAR**

Polycote UK

Centre Point • Wolseley Road Woburn Road Industrial Estate Kempston • Beds MK42 7EF

Telephone Number:

01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Classification under CLP:

Asp. Tox. 1: H304; STOT RE 2: H373; Acute Tox. 4: H312+332; Carc. 2: H351; Eye Irrit. 2: H319; Flam. Liq. 3: H226; Resp. Sens. 1: H334; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects:

Flammable liquid and vapour. May be fatal if swallowed and enters airways. Harmful in contact with skin or if inhaled. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing cancer [lungs]. May cause damage to organs [lungs] through prolonged or repeated exposure [inhalation (vapour)].

Label elements under CLP:

Hazard statements:

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters

airways.

H312+332: Harmful in contact with skin or if

inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or

breathing difficulties if inhaled.

H351: Suspected of causing cancer [lungs].

H373: May cause damage to organs [lungs] through prolonged or repeated exposure

[inhalation (vapour)].

Signal words:

Danger

Hazard pictograms:





GHS02: Flame

GHS07: Exclamation mark GHS08: Health hazard

Precautionary

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

smoking.

P301+310: IF SWALLOWED: Immediately call a

POISON CENTER/doctor/999.

P241: Use explosion-proof electrical/ventilating/

lighting equipment.

P260: Do not breathe vapours. P280: Wear protective clothing.

P302+350: IF ON SKIN: Gently wash with plenty of

soap and water.

PBT: This product is not identified as a PBT/vPvB

substance.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

Einecs	CAS	PBT/WEL	CLP Class.	Percent
Xylene				
215-535-7	1330-20-7	_	Flam. Liq. 3: H226; Acute Tox. 4:	50-70%
			H332; Acute Tox. 4: H312;	
			Skin Irrit. 2: H315	
Ethylbenz	ene			
202-849-4	100-41-4	_	Flam. Liq. 2: H225; Acute Tox. 4:	10-30%
			H332; STOT RE 2: H373; Asp. Tox. 1:	H304
Diphenylmethane Diisocyanate (Isomers and Homologues)				
_	9016-87-9	_	Carc. 2: H351; Acute Tox. 4: H332;	1-10%
			STOT RE 2: H373; Eye Irrit. 2: H319;	
			STOT SE 3: H335; Skin Irrit. 2: H315;	

SECTION 4: FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear

immediately unless stuck to skin. Wash immediately with

Resp. Sens. 1: H334; Skin Sens. 1: H317

plenty of soap and water. Consult a doctor.

Bathe the eye with running water for 15 minutes. Consult Eve contact:

Wash out mouth with water. Do not induce vomiting. If Ingestion:

conscious, give half a litre of water to drink immediately.

Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety

whilst doing so. Consult a doctor.

Most important symptoms and effects, both acute and delayed

There may be irritation and redness at the site of contact. Skin contact: There may be irritation and redness. The eyes may water Eye contact:

profusely.

Ingestion: There may be soreness and redness of the mouth and

throat. Inhalation of fumes from the stomach may cause

symptoms similar to direct inhalation.

Inhalation: Exposure may cause coughing or wheezing. 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 5: FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

In combustion emits toxic fumes.

Exposure Hazards: Advice for fire-fighters:

Wear self contained breathing apparatus. Wear

protective clothing to prevent contact with skin and

eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Do not attempt to take action without suitable

protective clothing – see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. Mark out the contaminated area with signs

and prevent access to unauthorised personnel. If outside keep bystanders upwind and away from danger point.

Environmental Precautions: Do not discharge into drains or rivers.

Contain the spillage using bunding.

Cleaning Methods: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for

disposal by an appropriate method.

SECTION 7: HANDLING AND STORAGE

Handling: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air. Ensure there is

sufficient ventilation of the area. Do not handle in a

confined space.

Storage: Store in cool, well ventilated area. Keep container tightly

closed.

Packaging: Must only be kept in original packaging.

Specific

end use: Only use as a single pack moisture cured polyurethane

primer.

SECTION 8: EXPOSURE CONTROLS

AND PERSONAL PROTECTION

Hazardous ingredients:

XYLENE

Workplace exposure limits:			Respirable dust	
	8 hour TWA:	15 min. STEL:	8 hour TWA:	15 min. STEL:
UK	220 mg/m ³	441 mg/m³	_	_
ETHYLBENZENE				
UK	441 mg/m ³	552 mg/m ³	_	_
DIPHENYLMETHANE DIISOCYANATE (ISOMERS AND HOMOLOGUES)				
UK	0.02 mg/m^3	0.07 mg/m^3	_	_

Engineering: Ensure there is sufficient ventilation of the area.

Respiratory: Self-contained breathing apparatus must be available in

case of emergency.

Hands: Impermeable gloves.

Eyes: Safety goggles. Ensure eye bath is to hand.

Skin: Impermeable protective clothing.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid Colour: Pale brown

Odour: Characteristic odour

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Not miscible

Solubility in water: Not miscible Viscosity: Non-viscous Boiling point/range°C: 137 Flash point°C: 23 - 55 Relative density: 0.96

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage

conditions.

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal

transport or storage conditions. Decomposition may occur on exposure to conditions or

materials listed below.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids. Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous ingredients:

ylene

ORL	MUS	LD50	2119 mg/kg		
ORL	RAT	LD50	4300 mg/kg		
SCU	RAT	LD50	1700 mg/kg		
Ethylbenzene					
IPR	MUS	LD50	2624 µl/kg		
ORL	RAT	LD50	3500 mg/kg		
Diphenylmethane diisocyanate (Isomers and Homologues)					
ORL	RAT	LD50	49 gm/kg		
SKN	RBT	LD50	>9400 mg/kg		

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (ac. tox. 4) Skin corrosion/Irritation Serious eye damage Skin sensitisation	INH DRM DRM OPT INH DRM	Hazardous: calculated Hazardous: calculated Hazardous: calculated 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. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

Inhalation: Exposure may cause coughing or wheezing. 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.

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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity values:

Species	Test	Value Units
ZEBRAFISH (Brachydanio rerio)	96H LC50	> 100 mg/l
Daphnia magna	24H EC50	> 750 mg/l

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential. Mobility: Readily absorbed into soil.

PBT identification: This sustance is not identified as a

PBT/vPvB substance.

SECTION 13: DISPOSAL CONSIDERATIONS

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

Disposal of packaging: 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.

SECTION 14: TRANSPORT INFORMATION

UN number: UN1133

Shipping name: ADHESIVES containing flammable liquid

(XYLENE)

Transport class: 3
Packing group: III
Environmentally hazardous: No
Marine pollutant: No

Special precautions: No special precautions.

Tunnel code: D/E Transport category: 3

SECTION 15: REGULATORY INFORMATION

Chemical safety assessment: A chemical safety assessment has not

been carried out for the substance or the

mixture by the supplier.

SECTION 16: OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

Phrases used in s.2 and 3:

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335: May cause respiratory irritation.

H351: Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H373: May cause damage to organs (or state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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