

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

1.1 Product Identifier

Product Name: Quickline EP

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

Identified Use(s): See technical data sheet. For professional use only.

Uses Advised Against: No specific uses advised against are identified.

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
 Centre Point
 Wolsley Road
 Woburn Road Industrial Estate
 Kempston
 Beds
 MK42 7EF

Telephone Number: 01234 846400

Emergency Contact Number: 111 (NHS England)

Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

Flam. Liq. 2 - H225

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

STOT, SE. 3 - H336

Rep. Tox. 2 - H361d

STOT, RE. 2 - H373.

2.2 Label elements

GB CLP Regulation (UK S.I. 2019/720 and UK S.I. 2020/1567):

Signal word: Danger

Hazard pictograms:



Hazard statements:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statements:

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

P260 Do not breathe dust, fume, gas, mist, vapours or spray.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice or attention.

P403+P235 Store in a well-ventilated place. Keep cool.

Supplementary information:

EUH208 Contains 2-butanone oxime. May produce an allergic reaction.

2.3 Other hazards:

Results of PBT and vPvB assessment: PBT and vPvB not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance: Not applicable.

3.2 Mixtures

Description of mixture: Mixture of resins, solvents, pigments and additives.

Dangerous component(s)

Ingredient	Cas-No / EC No / Reach No:	CLP Hazard Statements	Concentration
Toluene	108-88-3 203-625-9 01-21194713110-51	Flam. Liq. 2, H225 Repr. 2, H361d Asp. Tox. 1, H304 STOT RE 2 *, H373 Skin Irrit. 2, H315 STOT SE 3, H336 GHS02 GHS08 GHS07 Dgr	10.0-25.0%

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continue)

Ingredient	Cas-No / EC No / Reach No:	CLP Hazard Statements	Concentration
Xylene	1330-20-7 215-535-7 01-2119488216-32	Flam. Liq. 3, H226 Acute Tox. 4 *, H332 Acute Tox. 4 *, H312 Skin Irrit. 2, H315 Asp. Tox. 1, H373 Eye Irrit. 2, H319 STOT SE 3, H335 GHS02 GHS07 Wng	2.5-10.0%
ethylbenzene	100-41-4 202-849-4 01-2119489370-35	Flam. Liq. 2, H225 Acute Tox. 4 *, H304 STOT RE 2, H332 Asp. Tox. 1, H373 GHS02 GHS07 GHS08 Dgr	<4%
2-pentanone oxime	623-40-5 484-470-6 01-2119980079-27	Acute Tox. 4 *, H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412 GHS07 GHS08	0.1-1.0%

Additional Information: The text for CLP Hazard Statements shown above (if any) is given in Section 16.

SECTION 4: FIRST-AID MEASURES**4.1 Description of first aid measures:**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

General:	In case of doubt, or symptom persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
Inhalation:	Move the exposed person to fresh air at once. Keep person warm and at rest. If breathing is irregular or stopped, administer artificial respiration.
Skin contact:	Remove contaminated clothing immediately and wash skin with soap and water. Do not use solvents or thinners.
Eye Contact:	Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.
Ingestion:	If accidentally swallowed rinse mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do not induce vomiting.

Recommendation to doctor/medical service:

Self-protection of the first aider: None

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

None

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

Notes to Physician: None

Specific treatment: None

SECTION 5: FIRE-FIGHTING MEASURES**5.1 Extinguishing media:**

Suitable extinguishing media: Alcohol-resistant foam, CO₂, powders, water spray/mist.

Unsuitable extinguishing media: Water jet.

5.2 Special hazards arising from the substance or mixture:

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3 Advice for firefighters:

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or watercourses.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures:**

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8.

6.2 Environmental precautions:

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES (continue)

6.3 Methods and material for containment and cleaning up:	Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent – avoid use of solvents.
6.4. Reference to other sections:	None

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:	<p>Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been included. Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.</p> <p>Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Isolate from sources of heat, sparks and open flame, no sparking tools should be used, avoid skin and eye contact, avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture and avoid inhalation of dust from sanding. Smoking, eating and drinking should be prohibited in application area, for personal protection see Section 8, never use pressure to empty: container is not a pressure vessel, always keep in containers of same material as the original one, comply with the health and safety at work laws and do not allow to enter drains or watercourses.</p> <p>Advice on protection against fire and explosion Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.</p>
7.2 Conditions for safe storage, including any incompatibilities:	<p>Requirements for storage areas and containers Store in accordance with the Dangerous Substances and Explosive Atmospheres Regulations, 2002, (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.</p> <p>Notes on joint storage Store away from oxidising agents, from strongly alkaline and strongly acid materials.</p> <p>Additional information on storage conditions Observe label precautions. Store between 5°C and 25°C in a dry well-ventilated place away from sources of heat and direct sunlight. Keep container tightly closed. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. The principles contained in the HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances, should be observed when storing this product.</p>
7.3. Specific end uses:	None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Ingredients with Occupational Exposure Limits (UK WELS)

Name	LTEL – 8hr TWA		STEL – 15min		Notes
	ppm	mg/m3	ppm	mg/m3	
Toluene	50	191	100	384	Sk
Xylene	50	220	100	441	Sk, BMGV
ethylbenzene	100	441	125	552	Sk

LTEL - Long Term Exposure Limit, STEL - Short Term Exposure Limit, TWA - Time-Weighted Average.
ppm - parts per million by volume, mg/m³ - milligrams per cubic metre.
BMGV - Biological Monitoring Guidance Values are given in Table 2 of EH40/2005 Workplace exposure limits.
Carc - Capable of causing cancer and/or heritable genetic damage.
Sen - Capable of causing occupational asthma.
Sk - Can be absorbed through the skin. Dermal absorption may lead to systemic toxicity.

8.2. Exposure controls
Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Respiratory protection

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Eye/face protection

Use safety eyewear designed to protect against splash of liquids.

Hand protection

For prolonged or repeated handling, use Polyvinyl Alcohol (PVA) OR Viton Rubber (FluorRuber). Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Other skin and body protection

Personnel should wear anti-static clothing made of natural fibre or high temperature resistant synthetic fibre.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continue)

Environmental exposure controls	Do not allow to enter drains or watercourses.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance:	Viscous Liquid
Colour:	VariouS
Odour:	Aromatic hydrocarbons.
Melting point/freezing point:	>-39.3°C
Initial boiling point and boiling range:	110-140°C
Flash point:	4°C
Vapour pressure:	>0.3 kPa
Vapour density(air=1):	Heavier than air.
Relative density(g/ml):	1.44-1.52
Solubility:	Miscible with organic solvents.
Partition coefficient:	2.65-3.20 log Pow
Auto ignition temperature:	>480
Viscosity:	2.6-2.8 poise.
Explosive properties:	May form explosives mixture with air.
9.2. Other information	None

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	No data available.
10.2. Chemical stability	Stable at normal ambient temperatures and when used as recommended.
10.3. Possibility of hazardous reactions	Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
10.4. Conditions to avoid	When exposed to high temperatures may produce hazardous decomposition product.
10.5. Incompatible materials	No data available.
10.6. Hazardous decomposition products	Carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Classification, Labelling and Packaging of Substances and Mixtures Regulation (EC) No. 1272/2008, (CLP) and classified for toxicological hazards accordingly.

11.1. Information on toxicological effects

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity	No data available.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	No data available.
12.6. Other adverse effects	No data available.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

European List of Waste classification:

Waste code	Name of Waste (according to Commission Decision 2000/532/EC):
08 01 11*	Waste paint and varnish containing organic solvents or other dangerous substances.

If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned. For further information contact your local waste authority. Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned. Dispose of containers contaminated by the product in accordance with local or national legal provisions.

SECTION 14: TRANSPORT INFORMATION**Transport labels:**

14.1	UN number: ADR/RID/AND IMDG ICAO	1263
14.2	UN proper shipping name: ADR/RID/AND IMDG ICAO	PAINT
14.3	Transport Hazard Class(es): ADR/RID/AND IMDG ICAO	3
14.4	Packing group ADR/RID/AND IMDG ICAO	II
14.5	Environmental hazards:	None
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.
	ADR Tunnel Restriction Code:	(D/E)
	IMDG EmS:	F-E, S-E
	IMDG Stowage Category:	B
14.7	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:****The information in this Safety Data Sheet is required pursuant to:**

Registration, Evaluation, Authorisation and Restriction of Chemicals, Regulation (EC) No. 1907/2006, (REACH).
 Classification, Labelling and Packaging of substances and mixtures, Regulation (EC) No. 1272/2008, (CLP).
 The Dangerous Substances and Explosive Atmosphere Regulations, 2002, (DSEAR).
 The Control of Substances Hazardous to Health Regulations, 2002, (COSHH).
 The Health and Safety at work etc Act, 1974, (HSWA)

Approved codes of Practice and Guidance notes relevant to this Safety Data Sheet:

The European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 2.1.
 CEPE Guideline for Safety Data Sheets, 9th Edition.
 HSE Approved Code of Practice and Guidance, Dangerous Substances and Explosive Atmospheres.
 HSE guidance note, Chemical Warehousing: The Storage of Packaged Dangerous Substances.
 HSE publication, EH40/2005 Workplace exposure limits.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier.

SECTION 16: OTHER INFORMATION**Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

H225: Highly flammable liquid and vapour.
 H226: Flammable liquid and vapour.
 H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H319: Causes serious eye irritation.
 H332: Harmful if inhaled.
 H335: May cause respiratory irritation.
 H336: May cause drowsiness or dizziness.
 H361d: Suspected of damaging the unborn child.
 H373: May cause damage to organs through prolonged or repeated exposure.
 H412: Harmful to aquatic life with long lasting effects.

List of Wastes"Acronym & Abbreviation Key:

BMGV Biological Monitoring Guidance Values are given in Table 2 of EH40/2005 Workplace exposure limits.
 Sk Can be absorbed through the skin. Dermal absorption may lead to systemic toxicity.
 CLP Classification, Labelling & Packaging Regulation
 EC European Commission
 EU European Union

SECTION 16: OTHER INFORMATION (continue)

US United States
CAS Chemical Abstract Service
EINECS European Inventory of Existing Chemical Substances
REACH Registration, Evaluation, Authorization of Chemicals Regulation
GHS Globally Harmonized System of Classification and Labeling of Chemicals
LTEL Long term exposure limit
STEL Short term exposure limit
OEL Occupational exposure limit
ppm Parts per million
mg/m³ Milligrams per cubic meter
TLV Threshold Limit Value
ACGIH American Conference of Governmental Industrial Hygienists
OSHA Occupational Safety & Health Administration
PEL Permissible Exposure Limits
VOC Volatile organic compounds
g/l Grams per liter
mg/kg Milligrams per kilogram
N/A Not applicable
LD50 Lethal dose at 50%
LC50 Lethal concentration at 50%
EC50 Half maximal effective concentration
IC50 Half maximal inhibitory concentration
PBT Persistent bioaccumulative toxic chemical
vPvB Very persistent and very bioaccumulative
EEC European Economic Community
ADR International Transport of Dangerous Goods by Road
RID International Transport of Dangerous Goods by Rail
UN United Nations
IMDG International Maritime Dangerous Goods Code
IATA International Air Transport Association
MARPOL International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978
IBC International Bulk Container

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

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