

MATERIAL SAFETY DATA SHEET

411 05+/20+

Quickline EP



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

Product Name: **QUICKLINE EP**
 Company Name: Polycote UK
 Centre Point • Wolseley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Classification (EC 1272/2008)

Flam. Liq. 2 - H225, Skin Irrit. 2 - H315, STOT, SE. 3 - H336, Rep. Tox. 2 - H361d and STOT, RE. 2 -H373.

Label in accordance with (EC) No. 1272/2008



Signal word: Danger

Hazard Statements:

H225 Highly flammable liquid and vapour.
 H315 Causes skin 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.

Supplemental hazard information

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient name	CAS No.	EC No.	Classification (EC1272/2008)	Percent
TOLUENE	108-88-3	203-625-9	H225, H304, H315, H336, H361d, H373	10 - 25%
XYLENE	1300-20-7	215-535-7	H226, H312, H315, H332	2.5 - 10%
STYRENE	100-42-5	202-851-5	H226, H315, H319, H332, H361d, H372	0.1 - 1.0%
2-BUTANONE OXIME	96-29-7	202-496-6	H311, H317, H318, H351	0.1 - 1.0%

The Full Text for all Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

General notes: 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.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Alcohol-resistant foam, CO₂, powders, water spray/mist.

Unsuitable Media: Water jet.

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

Protective Measures In Fire: 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

Personal precautions: Exclude sources of ignition and ventilate the area. Avoid breathing vapours.

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.

Clean-up methods: 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.

SECTION 7: HANDLING AND STORAGE

Safe Handling: 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.

Operators should wear anti-static footwear and clothing and floors should 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

SECTION 7: HANDLING AND STORAGE – Cont.

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.

Advice on protection against fire and explosion:

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

Safe Storage: 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.

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

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.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients with occupational exposure limits (UK WELS):

Name	LTCL ppm	STEL ppm	STEL mg/m ³	LTCL mg/m ³	Notes
Toluene	50	100	384	191	Sk
Xylene	50	100	441	220	Sk, BMGV
Styrene	100	250	1080	430	

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: 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 (FluorRubber). Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

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

Environmental exposure controls:

Do not allow to enter drains or watercourses.

SECTION 9: PHYSICAL & 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°C
Viscosity:	2.6 - 2.8 poise.
Explosive properties:	May form explosives mixture with air.

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No reactivity hazards known under normal storage and use conditions.
Stability:	Stable at normal ambient temperatures and when used as recommended.
Hazardous reactions:	Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.
Conditions to avoid:	When exposed to high temperatures may produce hazardous decomposition product.
Haz. decomp. products:	Carbon monoxide and dioxide, smoke, oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

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.

Information on toxicological effects

Repeated and prolonged contact with mixture:

Cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Liquid splashed into eyes:

Causes irritation and reversible damage.

Ingestion:

May cause nausea, diarrhoea and vomiting.

Exposure to component solvents vapour concentration in excess of stated occupational 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.

SECTION 12: ECOLOGICAL INFORMATION

No information available.

Polycote UK

Centre Point • Wolseley Road • Woburn Road Industrial Estate
Kempston • Beds • MK42 7EF
Technical Helpline: 01234 846400

SECTION 13: DISPOSAL CONSIDERATIONS

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

UN Number:	1263
Proper Shipping Name:	PAINT
Packing Group:	II
Transport hazard class:	3, Highly Flammable.
Tunnel Restriction Code:	(D/E)
IMDG EmS:	F-E, S-E
IMDG Stowage Category:	B
Environmental hazard:	No

SECTION 15: REGULATORY INFORMATION

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.

Chemical safety assessment:

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

SECTION 16: OTHER INFORMATION

Full list of hazard statements in sections 2 and 3:

H225 : Highly flammable liquid and vapour.

H226 : Flammable liquid and vapour.

H301 : Toxic if swallowed.

H302 : Harmful if swallowed.

H311 : Toxic in contact with skin.

H312 : Harmful in contact with skin.

H314 : Causes severe skin burns and eye damage.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.

H318 : Causes serious eye damage.

H319 : Causes serious eye irritation.

H331 : Toxic if inhaled.

H332 : Harmful if inhaled.

H335 : May cause respiratory irritation.

H336 : May cause drowsiness or dizziness.

H341 : Suspected of causing genetic defects.

H373 : May cause damage to organs through prolonged or repeated exposure.

EUH205 : Contains epoxy constituents. May produce an allergic reaction.

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.

Date of Issue: June 2017

Polycote UK

Centre Point • Wolseley Road • Woburn Road Industrial Estate

Kempston • Beds • MK42 7EF

Technical Helpline: 01234 846400



"maintenance made easy"