

# MATERIAL SAFETY DATA SHEET

407 + size ref. + col. ref

## Quickcoat EP



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

Product Name: **QUICKCOAT 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. Irr. 2 – H315, STOT SE. 3 – H336, Carc. 1B – H350, Rep. Tox. 1B – H360Df, Rep. Tox. 2 – H361d, STOT RE. 2 – H373 and Chr. Aqu. Tox. 2 – H411.

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.  
 H350 May cause cancer.  
 H360Df May damage the unborn child. Suspected of damaging fertility.  
 H361Df Suspected of damaging the unborn child.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H411 Toxic to aquatic life with long lasting effects.

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.  
 EUH 201 Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.

### 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%
ETHYLBENZENE 100-41-4	202-894-4	H225, H332	<0.2%
1-METHOXYPROPAN-2-OL 107-98-2	203-539-1	H226, H336	0.1 - 1.0%

Ingredient name CAS No.	EC No.	Classification (EC1272/2008)	Percent
2-BUTANONE OXIME 96-29-7	202-496-6	H311, H317, H318, H351	0.1 - 1.0%
LEAD SULFOCHROMATE 1344-37-212656-85-8	215-693-7235-759-9	H350, H360Df, H373, H400, H410	0.5 - 20%

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, CO<sub>2</sub>, 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.

**SECTION 7: HANDLING AND STORAGE – Cont.**

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.

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	LTEL ppm	STEL ppm	STEL mg/m <sup>3</sup>	LTEL mg/m <sup>3</sup>	Notes
Toluene	50	100	384	191	Sk, BMGV
Xylene	50	100	441	220	Sk,
1-methoxypropan-2-ol	100	150	560	375	Sk
Styrene	100	250	1080	430	
Ethylbenzene	100	125	552	441	Sk

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.

Engineering Measures: Provide adequate ventilation. Suitable respiratory protection must be worn if local exhaust ventilation and good general extraction are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL.

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 (FluorRuber). 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):	1.41 - 1.55
Solubility:	Miscible with organic solvents.
Partition coefficient:	2.65 - 3.20 log Pow
Auto ignition temperature:	>480°C
Viscosity:	2.5 poise.
Explosive properties:	May form explosives mixture with air.

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity:	No data available.
Stability:	Stable under recommended storage and handling conditions.
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.

Additional information:

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.

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**SECTION 12: ECOLOGICAL INFORMATION**

No information available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Do not allow to enter drains or watercourses.

Residues in empty containers should be neutralised with decontaminant.

**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:	Yes

**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.

H304 : May be fatal if swallowed and enters airways.

H311 : Toxic in contact with skin.

H312 : Harmful in contact with skin.

H315 : Causes skin irritation.

H317 : May cause an allergic skin reaction.

H318 : Causes serious eye damage.

H319 : Causes serious eye irritation.

H332 : Harmful if inhaled.

H336 : May cause drowsiness or dizziness.

H351 : Suspected of causing cancer.

H361d : Suspected of damaging the unborn child.

H372 : Causes damage to organs through prolonged or repeated exposure.

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

H350 : May cause cancer.

H360Df : May damage the unborn child. Suspected of damaging fertility.

H400 : Very toxic to aquatic life.

H410 : Very toxic to aquatic life with long lasting effects.

EUH201 : Contains lead. Should not be used on surfaces liable to be chewed or sucked by Children.

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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