

MATERIAL SAFETY DATA SHEET

357 0000A

EP Primer CR – Part A



"maintenance made easy"

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

Product Name: **EP PRIMER CR – PART A**
 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 under CLP:
 Main hazards: No Significant Hazard
 Risk Phrases: No Significant Hazard

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

EC No.	CAS No.	CLP Classification	Percent
XYLENE (XYLENE, O-,M-,P-OR MIXED ISOMERS)			
215-535-7	1330-20-7	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	1 - 10%
2-METHOXY-1-METHYLETHYL ACETATE (1-METHOXYPROPYLACETATE)			
203-603-9	108-65-6	Flam. Liq. 3: H226	20 - 30%
DUROCT ZINC DRYER			
-	-	Eye Irrit. 2: H319; Repr. 2: H361; Aquatic Chronic 3: H412	0 - 0.5%

SECTION 4: FIRST AID MEASURES

Inhalation: Take off all contaminated clothing immediately.
 Eye contact: Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Contact an ophthalmologist.
 Skin contact: In case of skin contact wash affected areas thoroughly with soap and plenty of water. Consult a doctor in the event of a skin reaction.
 Ingestion: DO NOT induce the patient to vomit, medical advice is required.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide (CO₂), Foam, extinguishing powder, in case of larger fires, water spray should be used.
 Exposure hazards: Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate vapors and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.
 Advice for fire-fighters: Firemen must wear self-contained breathing apparatus.
 Do not allow contaminated extinguishing water to enter the soil, ground-water of surface waters.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on protective equipment (see chapter 8). Remove sources of fire, ensure adequate ventilation/exhaust ventilation. Keep unauthorised persons away.
 Environmental precautions: Do not allow to escape into waterways, waste water or soil.
 Clean-up procedures: Take up with absorbent for chemicals or, if necessary with dry sand and store in closed containers.

SECTION 7: HANDLING AND STORAGE

Handling requirements: Provide sufficient air exchange and/or exhaust in work rooms. Exhaust ventilation necessary if product is sprayed.
 In all areas where isocyanate aerosols and/or vapor concentrations are produced in elevated concentrations, exhaust ventilation must be provided in such a way that the workplace exposure limit is not exceeded. The air should be drawn from the personnel handling the product.
 Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work and use skin-protecting ointment. Keep working clothes separately. Take off all contaminated clothing immediately.
 Storage conditions: Keep container dry and tightly closed in a cool and well ventilated place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limit Values
 2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)
 WEL 8-hr limit ppm: 50 WEL 8-hr limit mg/m³: 274
 WEL 15 min limit ppm: 100 WEL 15 min limit mg/m³: 548
 Xylene (Xylene, o-,m-,p-or mixed isomers)
 WEL 8-hr limit ppm: 50 WEL 8-hr limit mg/m³: 220
 WEL 15 min limit ppm: 100 WEL 15 min limit mg/m³: 441

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid
 Colour: Various
 Odour: Smell of solvent

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.
 Chemical stability: No data is available on this product.
 Hazardous reactions: No data is available on this product.
 Haz. decomp. products: No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: No data is available on this product.
 Toxicological information: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available
 Persistence and degradability: No data is available on this product.
 Mobility: No data is available on this product.
 PBT identification: No data is available on this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations: Dispose in accordance with applicable international, national and local laws, ordinances and statutes.
 For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
 After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. Containers must be recycled in compliance with national legislation and environmental regulations.

SECTION 14: TRANSPORT INFORMATION

UN number: UN1866
 Shipping name: RESIN SOLUTION
 Transport class: 3
 Packing group: III
 Environmentally hazardous: No
 Marine pollutant: No
 Hazard ID: 30
 Tunnel code: (D/E)
 EmS Code: F-E S-E
 Packing Instruction (Cargo): 366
 Maximum quantity: 220 L
 Packing Instruction (Passenger): 355
 Maximum quantity: 60 L

SECTION 15: REGULATORY INFORMATION

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

"REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

SECTION 16: OTHER INFORMATION

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

Text of Hazard Statements in

Section 3:
 Flam. Liq. 3: H226 - Flammable liquid and vapour.
 Acute Tox. 4: H312 - Harmful in contact with skin.
 Skin Irrit. 2: H315 - Causes skin irritation.
 Acute Tox. 4: H332 - Harmful if inhaled.
 Eye Irrit. 2: H319 - Causes serious eye irritation.
 Repr. 2: H361 - Suspected of damaging fertility or the unborn child.
 Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

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: December 2018

Polycote UK

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



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MATERIAL SAFETY DATA SHEET

357 000B

EP Primer CR – Part B



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

Product Name: **EP PRIMER CR – PART B**
 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 under CLP:

Skin Irrit. 2: H315; Skin Sens. 1: H317; Acute Tox. 4: H332.

Main hazards: Harmful by inhalation. Irritating to respiratory system. May cause sensitisation by skin contact.

Hazard pictograms:



Signal word: Warning

Hazard statements: Acute Tox. 4: H302 – Harmful if swallowed.
 Skin Irrit. 2: H315 – Causes skin irritation.
 Skin Sens. 1: H317 – May cause an allergic skin reaction.
 Acute Tox. 4: H332 – Harmful if inhaled.

Precautionary statements (prevention):

P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
 P264 – Wash thoroughly after handling.
 P271 – Use only outdoors or in a well-ventilated area.
 P272 – Contaminated work clothing should not be allowed out of the workplace.
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements (response):

P302+P352 – IF ON SKIN: Wash with plenty of water.
 P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P312 – Call a POISON CENTRE/doctor if you feel unwell.
 P321 – Specific treatment (see on this label).
 P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.

Precautionary statements (disposal):

P501 – Dispose of contents/container to local and national regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:

EINECS	CAS No:	Classification	Percent
ALIPHATIC POLYISOCYANATE			
-	28182-81-2	Skin Sens. 1: H317; Acute Tox. 4: H332;	70 - 80%
2-METHOXY-1-METHYLETHYL ACETATE (1-METHOXYPROPYLACETATE)			
203-603-9	108-65-6	Flam. Liq. 3: H226	10 - 20%
XYLENE (XYLENE, O-,M-,P-OR MIXED ISOMERS)			
215-535-7	1330-20-7	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	1 - 10%
ETHYLBENZENE			
202-849-4	100-41-4	Flam. Liq. 2: H225; Acute Tox. 4: H332	1 - 10%
HEXAMETHYLENE-DIISOCYANATE			
212-485-8	822-06-0	Acute Tox. 3: H331; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317	0 - 0.5%

SECTION 4: FIRST AID MEASURES

Inhalation: Keep patient calm, remove to fresh air, seek medical attention.
 Eye contact: Immediately wash affected eyes for at least 15 minutes under running water with eyelids help open, consult an eye specialist.
 Skin contact: After contact with skin, wash immediately with plenty of water and soap.
 Ingestion: DO NOT induce the patient to vomit, medical advice is required.

Most important symptoms and effects, both acute and delayed
 Seek medical attention if irritation or symptoms persist.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide (CO2). Foam.
 Exposure hazards: Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen, isocyanate vapors and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.
 Advice for firefighters: Special protective equipment. Wear self-contained breathing apparatus and chemical-protective clothing. Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective clothing.
 Environmental precautions: Do not allow runoff water to enter sewers or drains. Do not let product contaminate subsoil.
 Methods for cleaning up: Remove mechanically; cover the remainder with wet, absorbant material (e.g sawdust, chemical binder based on calcium silicate hydrate, sand). After approx. one hour transfer to waste container and do not seal. (evolution of CO2 !). Keep damp in a safe ventilated area for several days.

SECTION 7: HANDLING AND STORAGE

Handling: Ensure adequate ventilation of the working area. Ensure good ventilation/exhaustion at the workplace.
 Storage: Keep container dry and tightly closed in a cool and well ventilated place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limit Values

2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)

WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 274
WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 548

Xylene (Xylene, o-,m-,p-or mixed isomers)

WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 220
WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 441

Ethylbenzene

WEL 8-hr limit ppm: 100	WEL 8-hr limit mg/m ³ : 441
WEL 15 min limit ppm: 125	WEL 15 min limit mg/m ³ : 552

Hexamethylene-di-isocyanate

WEL 8-hr limit ppm: –	WEL 8-hr limit mg/m ³ : 0.02
WEL 15 min limit ppm: –	WEL 15 min limit mg/m ³ : –

Exposure controls:



Engineering measures: Ensure adequate ventilation of the working area.

Eye/face protection: Safety glasses with side-shields.

Skin/hand protection: Wear suitable gloves.

Other protection: Wear suitable protective clothing.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid
Colour:	Yellowish
Odour:	Smell of solvent

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Water.
Chemical stability:	No data is available on this product.
Hazardous reactions:	Amines. Alcohols.
Conditions to avoid:	No data is available on this product.
Materials to avoid:	No data is available on this product.
Haz. decomp. products:	No hazardous decomposition products if stored and handled as prescribed/indicated.

SECTION 11: TOXICOLOGICAL INFORMATION

No data is available on this product.

SECTION 12: ECOLOGICAL INFORMATION

No data is available on this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods:

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Once the product residues adhering to the walls of the containers have been rendered harmless, the product and hazard labels must be invalidated. Containers must be recycled in compliance with national legislation and environmental regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number:	UN1866		
UN proper shipping name:	RESIN SOLUTION		
Transport hazard class:	3	Packing group:	III
Environmental hazard:	No	Marine pollutant:	No
Hazard ID:	30	Tunnel category:	(D/E)
EmS Code:	F-E S-E		
Packing Instruction (cargo):	366	Maximum quantity:	220 L
Packing Instruction (Passenger):	355	Maximum quantity:	60 L

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SECTION 16: OTHER INFORMATION

Text of Hazard Statements

in section 3: Skin Sens. 1: H317 - May cause an allergic skin reaction.
Acute Tox. 4: H332 - Harmful if inhaled.
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Acute Tox. 4: H312 - Harmful in contact with skin.
Skin Irrit. 2: H315 - Causes skin irritation.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Acute Tox. 3: H331 - Toxic if inhaled.
Resp. Sens. 1: H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT SE 3: H335 - May cause respiratory irritation.

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