

## Jointex PU – Part A



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

Product Name: **JOINTEX PU – 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 EC 1272/2008:  
 Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335.  
 Main hazards: Irritating to eyes, respiratory system and skin.  
 Hazard pictograms:



Signal word: **Danger**  
 Hazard Statement: Skin Corr. 1B: H314 – Causes severe skin burns and eye damage.  
 Skin Sens. 1: H317 – May cause an allergic skin reaction.

Precautionary Statement Prevention:  
 P260 – Do not breathe dust/fume/gas/mist/vapours/spray.  
 P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 – Wash thoroughly after handling.  
 P272 – Contaminated work clothing should not be allowed out of the workplace.  
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement Response:  
 P301+P330+P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.  
 P302+P352 – IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 – Immediately call a POISON CENTRE/doctor.  
 P321 – Specific treatment (see on this label).  
 P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.  
 P363 – Wash contaminated clothing before reuse.

Precautionary Statement Storage:  
 P405 – Store locked up.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	Conc. (%w/w)	Classification
Bisphenol A-(epichlorohydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	20 - 30%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;
Bisphenol F - epichlorohydrin resin with Number Average Molecular Weight < 700	-	9003-36-5	-	1 - 10%	
Nonylphenol	601-053-00-8	25154-52-3	246-672-0	1 - 10%	Repr. 2: H361fd; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

### SECTION 4: FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air.  
 Eye contact: Flush immediately eye thoroughly with clean water. Consult a physician immediately if irritation persists.  
 Skin contact: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.  
 Ingestion: DO NOT induce the patient to vomit, medical advice is required.

**Most important symptoms and effects, both acute and delayed:**

Eye contact: Irritating to eyes.  
 Skin contact: Irritating to skin.  
 Ingestion: DO NOT INDUCE VOMITING.  
 General: Seek medical attention if irritation or symptoms persist.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Foam. Water spray, fog or mist.  
 Special hazards: Fire will produce dense black smoke.  
 Advice for firefighters: Wear suitable respiratory equipment when necessary. Protective equipment.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.  
 Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.  
 Clean up Procedure: Absorb with inert, absorbent material.

### SECTION 7: HANDLING AND STORAGE

Safe handling: Avoid prolonged skin contact. After contact with skin, wash immediately with plenty of water and soap.  
 Safe storage: Store in original container.

### 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<sup>3</sup>: 274  
 WEL 15 min limit ppm: 100 WEL 15 min limit mg/m<sup>3</sup>: 548  
 Acronal 700 L (Ethyl acetate)  
 WEL 8-hr limit ppm: 200 WEL 8-hr limit mg/m<sup>3</sup>: –  
 WEL 15 min limit ppm: 400 WEL 15 min limit mg/m<sup>3</sup>: –

Exposure controls:



Engineering controls: 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: Various  
 Odour: Mild  
 VOC: <500

**SECTION 10: STABILITY AND REACTIVITY**

Reactivity: No data available.  
 Chemical stability: This product is stable if stored and handled as prescribed/indicated.  
 Possibility of hazardous reactions: No data is available on this product.  
 Conditions to avoid: Avoid temperatures above 300°C. Potentially violent decomposition can occur above 350°C. Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.  
 Incompatible materials: Acids. Bases. Oxidising agents.  
 Haz. decomp. products: No data is available on this product.

**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**

Treatment methods: This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

**SECTION 14: TRANSPORT INFORMATION**

UN number: UN3082  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
 Transport hazard class(es): 9  
 Packing group III  
 Environmental hazards Yes  
 Marine pollutant Yes  
 Hazard ID 90  
 Tunnel Category (E)  
 EmS Code F-A S-F  
 Packing Instruction (Cargo) 964  
 Maximum quantity 450 L  
 Packing Instruction (Passenger) 964  
 Maximum quantity 450 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**

Text of hazard statements

in Section 3: Skin Irrit. 2: H315 – Causes skin irritation.  
 Skin Sens. 1: H317 – May cause an allergic skin reaction.  
 Eye Irrit. 2: H319 – Causes serious eye irritation.  
 Aquatic Chronic 2: H411 – Toxic to aquatic life with long lasting effects.  
 Acute Tox. 4: H302 – Harmful if swallowed.  
 Skin Corr. 1B: H314 – Causes severe skin burns and eye damage.  
 Repr. 2: H361fd – Suspected of damaging fertility. Suspected of damaging the unborn child.  
 Aquatic Chronic 1: H410 – Very toxic 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: June 2017

**Polycote UK**

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 Kempston • Beds • MK42 7EF  
 Technical Helpline: 01234 846400

## Jointex PU – Part B



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

Product Name: **JOINTEX PU – 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 EC 1272/2008:  
 Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317.

Main hazards: Harmful in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility. Possible risk of harm to the unborn child.

Hazard pictograms:

Signal word: Danger

Hazard Statement: Acute Tox. 4: H302 – Harmful if swallowed.  
 Skin Corr. 1B: H314 – Causes severe skin burns and eye damage.  
 Skin Sens. 1: H317 – May cause an allergic skin reaction.

Precautionary Statement Prevention:  
 P260 – Do not breathe dust/fume/gas/mist/vapours/spray.  
 P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 – Wash thoroughly after handling.  
 P270 – Do not eat, drink or smoke when using this product.  
 P272 – Contaminated work clothing should not be allowed out of the workplace.  
 P280 – Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement Response:  
 P301+P312 – IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.  
 P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P302+P352 – IF ON SKIN: Wash with plenty of water.  
 P303+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 – Immediately call a POISON CENTRE/doctor.  
 P321 – Specific treatment (see on this label).  
 P330 – Rinse mouth.  
 P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.  
 P363 – Wash contaminated clothing before reuse.

Precautionary Statement Storage:  
 P405 – Store locked up.

### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

EC 1272/2008					
Chemical Name	Index No.	CAS No.	EC No.	Conc. (%w/w)	Classification
N-aminoethylpiperazine	612-105-00-4	140-31-8	205-411-0	30 - 40%	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412
Nonylphenol	601-053-00-8	25154-52-3	246-672-0	30 - 40%	Repr. 2: H361fd; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410

### SECTION 4: FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air.  
 Eye contact: Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour.  
 Skin contact: Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay. Initiate and maintain continuous irrigation until the patient receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.  
 Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Provided the patient is conscious, wash out mouth with water. Get medical attention if symptoms appear.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical, Dry sand, Limestone powder.  
 Special hazards: May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses. Incomplete combustion may form carbon monoxide. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.

Advice for firefighters: Avoid contact with skin. A face shield should be worn. Use personal protective equipment. Wear self contained breathing apparatus for fire firefighting if necessary.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.  
 Environmental Precautions: Construct a dike to prevent spreading.  
 Clean up Procedure: Approach suspected leak areas with caution. Place in appropriate chemical waste container.

**Polycote Jointex PU – Part B Cont.**

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**SECTION 7: HANDLING AND STORAGE**

- Safe handling: Do not get in eyes, on skin, on clothing. Avoid breathing vapor. Do not swallow. Avoid prolonged or repeated contact with skin. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. See section 8.
- Safe storage: Store in steel containers preferably located outdoors, above ground, and surrounded by dikes to contain spills or leaks. Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated area.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

## Exposure limit values:

Glycerol (Glycerol, mist)

WEL 8-hr limit ppm: –	WEL 8-hr limit mg/m <sup>3</sup> : 10
WEL 15 min limit ppm: –	WEL 15 min limit mg/m <sup>3</sup> : –

## Exposure controls:



- Engineering controls: Provide readily available eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.
- Eye/face protection: Full face shield with goggles underneath.
- Skin/hand protection: Butyl rubber gloves. Neoprene gloves. Nitrile rubber gloves. Impervious gloves. The breakthrough time of the selected glove(s) must be greater than the intended use period.
- Other protection: Impervious clothing. Full rubber suit (rain gear). Rubber or plastic boots.

**SECTION 9: PHYSICAL & CHEMICAL PROPERTIES**

- State: Liquid
- Colour: Light (or pale) Amber
- Odour: Fishy

**SECTION 10: STABILITY AND REACTIVITY**

- Reactivity: No data available.
- Chemical stability: Stable under normal conditions.
- Possibility of hazardous reactions: No data is available on this product.
- Conditions to avoid: No data is available on this product.
- Incompatible materials: Sodium hypochlorite. Organic acids (i.e. acetic acid, citric acid etc). Mineral acids. Product slowly corrodes copper, aluminium, zinc and galvanized surfaces. Reaction with peroxides may result in violent decomposition of peroxide possibly creating and explosion. Reactive metal (e.g. sodium, calcium, zinc etc). Materials reactive with hydroxyl compounds. Oxidizing agents.
- Haz. decomp. products: Nitric acid. Ammonia. Nitrogen oxides (NOx). Nitrogen oxide can react with water to form corrosive nitric acid. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>). Aldehydes. Flammable hydrocarbon fragments.

**SECTION 11: TOXICOLOGICAL INFORMATION**

- Acute toxicity: No data is available on this product.
- Skin corrosion/irritation: Harmful in contact with skin. Causes skin burns. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
- Serious eye damage/irritation: Causes eye burns. May cause blindness.
- Respiratory or skin sensitisation: Harmful if swallowed. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and stomach. Can cause severe eye, skin and respiratory tract burns.

**SECTION 12: ECOLOGICAL INFORMATION**

No data is available on this product.

**SECTION 13: DISPOSAL CONSIDERATIONS**

- Treatment methods: Contact supplier if guidance is required.
- Disposal of packaging: Dispose of this material and its container to hazardous or special waste collection point.

**SECTION 14: TRANSPORT INFORMATION**

- UN number: UN2735
- UN Proper Shipping Name: AMINES, LIQUID, CORROSIVE N.O.S.
- Transport hazard class(es): 8
- Packing group: III
- Environmental hazards: No
- Marine pollutant: No
- Hazard ID: 80
- Tunnel Category: (E)
- EmS Code: F-A S-B
- Packing Instruction (Cargo): 856
- Maximum quantity: 60 L
- Packing Instruction (Passenger): 852
- Maximum quantity: 5 L

**SECTION 15: REGULATORY INFORMATION**

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**SECTION 16: OTHER INFORMATION**

Text of hazard statements

in Section 3: Acute Tox. 4: H302 – Harmful if swallowed.  
Acute Tox. 4: H312 – Harmful in contact with skin.  
Skin Corr. 1B: H314 – Causes severe skin burns and eye damage.  
Skin Sens. 1: H317 – May cause an allergic skin reaction.  
Aquatic Chronic 3: H412 – Harmful to aquatic life with long lasting effects.  
Repr. 2: H361fd – Suspected of damaging fertility.  
Suspected of damaging the unborn child.  
Aquatic Chronic 1: H410 – Very toxic to aquatic life with long lasting effects.

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**Date of Issue: June 2017**

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