

MATERIAL SAFETY DATA SHEET

148 0500

Jointex SP Primer



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

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

SECTION 2: HAZARDS IDENTIFICATION

Physical hazards: Flam. Liq. 2 – H225
 Health hazards: Skin Irrit. 2 – H315 Eye Dam. 1 - H318; Elicitation – EUH208; Repr. 2 – H361d; STOT SE 3 – H336; STOT RE 2 – H373

Label elements:



Signal words: Danger
 Hazard statements: H225 Highly flammable liquid and vapour.
 H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H336 May cause drowsiness or dizziness.
 H361d Suspected of damaging the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.
 EUH208 Contains METHYL METHACRYLATE, BUTYL METHACRYLATE -norm. May produce an allergic reaction.

Precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing vapours.
 P280 Wear protective gloves.
 P280 Wear eye protection.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with national regulations.
 Contains: TOLUENE, BUTANOL-norm

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

CAS No.	EC No.	CLP Classification	Percent
TOLUENE			
108-88-3	203-625-9	Flam. Liq. 2 - H225; Skin Irrit. 2 - H315; Repr. 2 - H361d; Asp. Tox. 1 - H304; STOT SE 3 - H336; STOT RE 2 - H373	60 - 100%
BUTANOL-norm			
71-36-3	200-751-6	Flam. Liq. 3 - H226; Skin Irrit. 2 - H315; Eye Dam. 1 - H318; Acute Tox. 4 - H302; STOT SE 3 - H335, H336	1-5%
BUTYL METHACRYLATE -norm			
97-88-1	202-615-1	Flam. Liq. 3 - H226; Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; STOT SE 3 - H335	<1%
METHYL METHACRYLATE			
80-62-6	201-297-1	Flam. Liq. 2 - H225; Skin Irrit. 2 - H315; Skin Sens. 1 - H317; STOT SE 3 - H335	<1%

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

SECTION 4: FIRST AID MEASURES

First aid measures:

General: In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
 Inhalation: Move affected person to fresh air at once. Get medical attention if any discomfort continues.
 Ingestion: Rinse mouth thoroughly with water. Give plenty of water to drink. Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention immediately.
 Skin contact: Wipe off excess material with cloth or paper. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
 Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed:

Inhalation: Vapours may cause drowsiness and dizziness. In case of over-exposure, organic solvents may cause depression of the central nervous system causing dizziness and intoxication.
 Ingestion: May cause stomach pain or vomiting.
 Skin contact: Skin irritation. Allergic rash.
 Eye contact: May cause serious eye damage.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
 Unsuitable media: Do not use water jet as an extinguisher, as this will spread the fire.
 Specific hazards: The product is highly flammable. Heating may generate flammable vapours.
 Haz. decomp. products: Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
 Advice for fire-fighters: Wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear appropriate protective clothing. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.
 Environmental precautions: Avoid discharge into drains or watercourses or onto the ground.
 Clean-up procedures: Absorb small quantities with paper towels and evaporate in a safe place. Absorb in vermiculite, dry sand or earth and place into containers.

SECTION 7: HANDLING AND STORAGE

Usage precautions: Keep away from heat, sparks and open flame. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Persons susceptible to allergic reactions should not handle this product. Contaminated rags and cloths must be put in fireproof containers for disposal. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure.

SECTION 7: HANDLING AND STORAGE – Cont.

General hygiene:	Do not eat, drink or smoke when using this product. Wash promptly if skin becomes contaminated.
Storage precautions:	Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place.
Storage class:	Flammable liquid storage.
Usage description:	Paintable primer.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Hazardous ingredients:****Occupational exposure limits:****TOLUENE**Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 191 mg/m³(Sk)Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 384 mg/m³(Sk)**BUTANOL-norm**

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 154 mg/m³(Sk)**METHYL METHACRYLATE**Long-term exposure limit (8-hour TWA): WEL 50 ppm 208 mg/m³Short-term exposure limit (15-minute): WEL 100 ppm 416 mg/m³

WEL = Workplace Exposure Limit

Biological limit values	DNEL and PNEC limits given for toluene
DNEL	Industry - Inhalation; Short term : 384 mg/m ³ Industry - Inhalation; Long term : 192 mg/m ³ Industry - Dermal; Long term : 384 mg/kg/day Consumer - Inhalation; Short term : 226 mg/m ³ Consumer - Inhalation; Long term : 56.5 mg/m ³ Consumer - Oral; Long term : 813 mg/kg/day Consumer - Dermal; Long term : 226 mg/kg/day
PNEC	- Fresh water; 0.68 mg/l - Sediment; 16.39 mg/l - Soil; 2.89 mg/l - STP; 1361 mg/l

Protective equipment:

Engineering measures: Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection: Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. It is recommended that gloves are made of the following material: Viton rubber (fluoro rubber). Gloves suitable for up to 60 minutes use.

Skin & body protection: Provide eyewash station.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection: Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Use of ABEK mask filter during prolonged exposure advised.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid
Colour:	Colourless
Odour:	Strong
Odour threshold:	Toluene = 0.16 ppm
pH:	Not applicable.
Melting point:	Toluene: -95°C
Initial boiling point:	111°C @ 101.3 hPa
Flash point:	8°C
Evaporation rate:	Toluene = 6.1
Upper/lower flammability or explosive limits:	Upper flammable/explosive limit: 7 g/100 g Lower flammable/explosive limit: 1.2 g/100 g
Vapour pressure:	29 kPa @ 20°C
Vapour density:	Toluene = 3.14
Relative density:	0.95 @ 20°C
Solubility(ies):	Toluene: 0.05 g/100 g water @ 25°C
Partition coefficient:	log Kow: Toluene: 2.65
Auto-ignition temp:	~420°C
Viscosity:	100 - 300 cP @ 20°C
Explosive properties:	Explosion limits for released methanol: 5.5 - 44%(V).
Oxidising properties:	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
Molecular weight:	«184»

SECTION 10: STABILITY AND REACTIVITY

Chemical stability:	Avoid the following conditions: Heat, sparks, flames. Moisture.
Hazardous reactions:	The following materials may react with the product: Acids. Alkalis. Water, moisture. Reaction causes the formation of methanol.
Conditions to avoid:	Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.
Materials to avoid:	Acids. Alkalis. Water, moisture.
Haz. decomp. products:	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Under the effect of humidity, water and protic agents (contain and can donate a hydrogen ion); methanol.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity - oral	
Notes (oral LD ₅₀)	LD ₅₀ Toluene: 5580 mg/kg, Oral, Rat
ATE oral (mg/kg)	16,666.67
Acute toxicity - dermal	
Notes (dermal LD ₅₀)	For this endpoint no toxicological data is available for the whole product. LD ₅₀ Toluene: 12400 mg/kg, Dermal, Rabbit
Acute toxicity - inhalation	
Notes (inhalation LC ₅₀)	For this endpoint no toxicological data is available for the whole product. LD ₅₀ Toluene: 28.1 mg/l, Inhalation, Rat
Skin corrosion/irritation	
Animal data	For this endpoint no toxicological data is available for the whole product. Toluene: irritating (Species:rabbit Source: ECHA OECD 404)
Serious eye damage/irritation	
Serious eye damage/irritation	For this endpoint no toxicological data is available for the whole product. Toluene: not irritating (Species: rabbit Source: ECHA OECD 405)
Skin sensitisation	
Skin sensitisation	The product contains small amounts of sensitising substances which may cause an allergic reaction in sensitive individuals.

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SECTION 11: TOXICOLOGICAL INFORMATION – Cont.

Germ cell mutagenicity Genotoxicity - in vitro	For this endpoint no toxicological data is available for the whole product.
Carcinogenicity Carcinogenicity	For this endpoint no toxicological data is available for the whole product.
Reproductive toxicity Reproductive toxicity - fertility	For this endpoint no toxicological data is available for the whole product. Toluene can possibly impair the unborn child in humans.
Specific target organ toxicity - single exposure STOT - single exposure	Based on constituents classified as a specific target organ toxicant after single exposure. May cause drowsiness and dizziness.
Specific target organ toxicity - repeated exposure STOT - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard Aspiration hazard	Based on available data the classification criteria are not met.
Inhalation Ingestion	May cause drowsiness or dizziness. May cause stomach pain or vomiting. Product may hydrolyse in gastro-intestinal tract and produce methanol. Methanol irritates mucous membranes, and has skin drying and narcotic effects.
Skin contact Acute and chronic health hazards	Irritating to skin. May cause an allergic skin reaction.
Route of entry	Contains a substance/a group of substances which may damage the unborn child. Inhalation Ingestion. Skin and/or eye contact

SECTION 12: ECOLOGICAL INFORMATION

Toxicity Acute toxicity - fish	LC ₅₀ , 96 hours: Toluene: 5.5 Oncorhynchus kisutch (Coho salmon) mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: Toluene: 3.78 mg/l, Daphnia magna
Acute toxicity - aquatic plants Persistence and degradability	EC ₅₀ , 3 hours: Toluene: 134 mg/l, Algae Polymer components: Biologically not degradable. Toluene: readily biologically degradable.
Bioaccumulative potential	This product is not expected to significantly bioaccumulate.
Partition coefficient Mobility	log Kow: Toluene: 2.65 The product has poor water-solubility.

SECTION 13: DISPOSAL CONSIDERATIONS

General information:	Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Materials such as cleaning rags and paper wipes that are contaminated with flammable liquids may self-ignite after use and should be stored in designated fireproof containers with tight-fitting, self-closing lids.
Disposal methods:	Absorb in vermiculite, dry sand or earth and place into containers.
Waste class:	HP3 Flammable HP4 Irritant HP5 STOT / Aspiration toxicity HP10 Toxic for reproduction. Recommended EWC Code 14 06 03*

SECTION 14: TRANSPORT INFORMATION

UN number:	UN1993
Shipping name:	FLAMMABLE LIQUID, N.O.S. (Contains: toluene, butanol)
Transport class:	3
Packing group:	II
Environmentally hazardous:	No
Marine pollutant:	No
Special precautions EmS:	F-E, S-E
Tunnel code:	D/E
Transport category:	2
Emergency Action Code:	•3YE
Hazard ID No.	33
Tunnel restriction code:	(D/E)

SECTION 15: REGULATORY INFORMATION

EU legislation	Regulation (EC) 1907/2006 REACH. Regulation (EC) 1272/2008 CLP.
Guidance	Workplace Exposure Limits EH40.
Chemical safety assessment:	No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Classification and labelling according to CLP Regulations.

Hazard statements in full:

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
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.
EUH208 Contains METHYL METHACRYLATE, BUTYL METHACRYLATE -norm. 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.

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