

**SAFETY DATA SHEET**  
POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 1

Compilation date: 27/02/2015

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Product name:** POLYSTYRENE CEMENT (BUTYL ACETATE)

**Use of substance / mixture:** PC1: Adhesives, sealants.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** The Army Painter ApS  
Nydamsvej 1  
8362 Hoerning  
Denmark

**Tel:** +45 28 91 16 56

**Email:** jonas@thearmypainter.com

**1.4. Emergency telephone number**

**Emergency tel:** Use your national or local emergency number  
See section 4 "First aid measures"

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Flammable liquid and vapour.  
May cause drowsiness or dizziness.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



# SAFETY DATA SHEET

## POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 2

**Signal words:** Warning

**Precautionary statements:** P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water .

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTRE or doctor if you feel unwell.

P370+P378: In case of fire: Use media other than water to extinguish.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

**Hazardous ingredients:**

N-BUTYL ACETATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
204-658-1	123-86-4	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	70-90%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

[cont...]

**SAFETY DATA SHEET**  
POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 3

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Immediate / special treatment:** Not applicable.

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

[cont...]

**SAFETY DATA SHEET**  
POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 4

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**7.3. Specific end use(s)**

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**DNEL/PNEC Values**

**Workplace exposure limits:** No data available.

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Impermeable gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid

**Colour:** Colourless

**Odour:** Characteristic odour

**Evaporation rate:** Fast

**Oxidising:** No data available.

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Viscous

**Boiling point/range°C:** 120

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** No data available.

**upper:** No data available.

**Flash point°C:** 27

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** 370

**Vapour pressure:** No data available.

**Relative density:** ~0.88

**pH:** No data available.

**VOC g/l:** No data available.

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**SAFETY DATA SHEET**  
POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 5

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**10.2. Chemical stability**

**Reactivity:** Stable under recommended transport or storage conditions.

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**N-BUTYL ACETATE**

ORL	RAT	LD50	10768	mg/kg
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**Relevant hazards for product:**

Hazard	Route	Basis
STOT-single exposure	-	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

[cont...]

**SAFETY DATA SHEET**  
POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 6

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**12.3. Bioaccumulative potential**

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**12.5. Results of PBT and vPvB assessment**

**Mobility:** Readily absorbed into soil.

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Other adverse effects:** Negligible ecotoxicity.

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1133

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

**Shipping name:** ADHESIVES

**Transport class:** 3

**14.4. Packing group**

**14.5. Environmental hazards**

**Packing group:** III

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

[cont...]

**SAFETY DATA SHEET**  
POLYSTYRENE CEMENT (BUTYL ACETATE)

Page: 7

Tunnel code: D/E

Transport category: 3

**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.