



**SAFETY DATA SHEET**  
XYLENE ALKYD / VINYL THINNER

Page: 1

Compilation date: 17/08/2015

Sent to: SOLVENTS WITH SAFETY

Revision No: 1

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

**1.1. Product identifier**

**Product name:** XYLENE ALKYD / VINYL THINNER

**Product code:** S721

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers. PC14: Metal surface products, including galvanic and electroplating products.

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

**Company name:** SOLVENTS WITH SAFETY LTD  
UNITS 1-4  
PLUMTREE FARM INDUSTRIAL ESTATE  
HARWORTH  
DONCASTER  
DN11 8EW  
United Kingdom

**Tel:** 01302 711733

**Fax:** 01302 711744

**Email:** [sales@solventswithsafety.co.uk](mailto:sales@solventswithsafety.co.uk)

**1.4. Emergency telephone number**

**Section 2: Hazards identification**

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

**Classification under CLP:** Skin Irrit. 2: H315; Acute Tox. 4: H312+332; Flam. Liq. 3: H226  
**Important adverse effects:** Flammable liquid and vapour. Harmful in contact with skin or if inhaled. Irritation.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H226: Flammable liquid and vapour.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

**Signal words:** Warning

[cont...]

# SAFETY DATA SHEET

## XYLENE ALKYD / VINYL THINNER

Page: 2

**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark



**Precautionary statements:** P403+235: Store in a well-ventilated place. Keep cool.  
P271: Use only outdoors or in a well-ventilated area.  
P363: Wash contaminated clothing before reuse.  
P361: Take off immediately all contaminated clothing.  
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P264: Wash HANDS thoroughly after handling.  
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.  
P240: Ground/Bond container and receiving equipment.  
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P243: Take precautionary measures against static discharge.  
P242: Use only non-sparking tools.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P233: Keep container tightly closed.  
P302+350: IF ON SKIN: Gently wash with plenty of soap and water.  
P302+352: IF ON SKIN: Wash with plenty of water/.

### 2.3. Other hazards

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

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** XYLENE

## Section 4: First aid measures

### 4.1. Description of first aid measures

- Skin contact:** Wash immediately with plenty of soap and water. Drench the affected area with running water for 10 minutes or longer if substance is still on skin. Consult a doctor if symptoms persist.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.
- Inhalation:** If unconscious, check for breathing and apply artificial respiration if necessary. Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

[cont...]

# SAFETY DATA SHEET

## XYLENE ALKYD / VINYL THINNER

Page: 3

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

**Skin contact:** An itchy rash may occur at the site of contact. There may be redness skin in the area of exposure.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Severe poisoning can cause unconsciousness and severe and persistent vomiting.

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

**Delayed / immediate effects:** There may be drowsiness, slurred speech, muscular weakness, muscle tremor, blurred vision, dilated pupils and shock. There may be vomiting.

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

**First aid / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Alcohol resistant foam. Dry chemical powder.

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

**Exposure hazards:** Highly flammable. Vapour may travel considerable distance to source and cause flash back. Forms explosive air-vapour mixture.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to protect 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. Do not breathe vapour without suitable protective clothing - see section 8 of SDS.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding in the neighbourhood to the presence of fumes or gas.

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

**Clean-up procedures:** Absorb into dry earth or sand. Do not use equipment in clean-up procedure that produce sparks. Transfer to a closable, labelled salvage container for appropriate method. Mix with sand or vermiculite.

[cont...]

**SAFETY DATA SHEET**  
XYLENE ALKYD / VINYL THINNER

Page: 4

**6.4. Reference to other sections**

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Smoking is forbidden sparking tools.

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

**Storage conditions:** Keep away from sources of ignition. Prevent the build up of electrosta immediate area. Keep container tightly closed. Store in a cool, well ve

**Suitable packaging:** Must only be kept in original packaging.

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

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

**8.1. Control parameters**

**Hazardous ingredients:**

**XYLENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m3	441 mg/m3	-	-

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure all engineerir mentioned in section 7 of SDS are in place.

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141). Self-contained br must be available in case of emergency.

**Hand protection:** Gloves (solvent-resistant).

**Eye protection:** Tightly fitting safety goggles.

**Skin protection:** Solvent resistant protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment

[cont...]

**SAFETY DATA SHEET**  
XYLENE ALKYD / VINYL THINNER

Page: 5

**Section 9: Physical and chemical properties**

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

**State:** Liquid  
**Colour:** Colourless  
**Odour:** Characteristic odour  
**Evaporation rate:** No data available.  
**Oxidising:** No data available.  
**Solubility in water:** No data available.  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** >35  
**Melting point/range°C:** No data available.  
**Stability limits %:** **lower:** No data available. **upper:** No data available.  
**Flash point°C:** 23 - 60  
**Part.coeff. n-octanol/water:** No data available.  
**Autoflammability°C:** No data available.  
**Vapour pressure:** <9.5hPa  
**Relative density:** No data available.  
**pH:** No data available.  
**VOC g/l:** No data available.

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

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

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

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

**10.4. Conditions to avoid**

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

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide

[cont...]

**SAFETY DATA SHEET**  
XYLENE ALKYD / VINYL THINNER

Page: 6

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**XYLENE**

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

**Relevant hazards for substance:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** An itchy rash may occur at the site of contact. There may be redness skin in the area of exposure.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Severe poisoning can cause unconsciousness and severe and persis vomiting.

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

**Acute / immediate effects:** There may be drowsiness, slurred speech, muscular weakness, muscle tremor, blurred vision, dilated pupils and shock. There may be vomitir

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** Readily absorbed into soil.

[cont...]

**SAFETY DATA SHEET**  
XYLENE ALKYD / VINYL THINNER

Page: 7

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

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

**12.6. Other adverse effects**

**Other adverse effects:** Toxic to aquatic organisms.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

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

**Recovery operations:** Solvent reclamation/regeneration.

**Waste code number:** 08.01.11

**Disposal of packaging:** 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:** UN1307

**14.2. UN proper shipping name**

**Shipping name:** XYLENES

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

**Transport class:** 3

**14.4. Packing group**

**Packing group:** II

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Tunnel code:** D/E

**Transport category:** 2

**Section 15: Regulatory information**

[cont...]

**SAFETY DATA SHEET**  
XYLENE ALKYD / VINYL THINNER

Page: 8

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

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance by the supplier.

**Section 16: Other information**

**Other information**

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

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

**Phrases used in s.2 and s.3:** H226: Flammable liquid and vapour.

H312+332: Harmful in contact with skin or if inhaled.

H315: Causes skin irritation.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be a guarantee 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.