

**Material Safety Data Sheet. – TOOL CLEANING FLUID****1. Identification of the substance / preparation and of the company.****1. Identification of the substance / preparation and of the company.**

1.1 Identification of the substance / preparation.  
**TOOL CLEANING FLUID**

1.2 Intended use.  
Cleaning sealer tools and some sealer remedials.

1.3 Company details

Smartseal UK Ltd  
Unit 14a Annwood Lodge Business Park  
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Rayleigh  
Essex  
SS6 7UA

Tel: 01268 777376  
Web: [www.smartseal.co.uk](http://www.smartseal.co.uk)

**2. Composition / Information on ingredients.**

2.1 Main components

<b>Product</b>	<b>CAS Number</b>
Xylene	1330-20-70

**3. Hazards identification.**

Classified as Harmful

R 10	Flammable
R 20/21	Harmful by inhalation and in contact with skin
R 38	Irritating to skin

#### 4. First-aid measures.

- 4.1 **Eye contact**  
Wash eyes immediately with clean water for several minutes.  
Then consult a doctor.
- 4.2 **Skin Contact**  
Wash the affected area thoroughly with soap and water before continuing.
- 4.3 **Ingestion**  
Wash out mouth with water and give patient plenty of water to drink.  
Do not induce vomiting; call for medical help immediately.
- 4.4 **Inhalation**  
Supply fresh air. Consult doctor if symptoms persist.

#### 4. First-aid measures.

- 5.1 **Suitable extinguishing agents**  
Foam, carbon dioxide, fire extinguishing powder.
- 5.2 **Unsuitable extinguishing media for safety reasons**  
Water jet.
- 5.3 **Protective equipment**  
Wear self contained respiratory protective device.

#### 6. Accidental release measures.

- 6.1 **Personal precautions**  
Wear relevant PPE.
- 6.2 **Environmental protection**  
Do not allow to enter sewer, surface or ground water.
- 6.3 **Cleaning up**  
Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated waste according to item 13.

## 7. Handling and storage.

- 7.1 **Handling**  
Ensure good ventilation / exhaustion at the workplace.
- 7.2 **Storage**  
Must be stored in tightly sealed containers
- 7.3 **Fire and explosion protection**  
Keep away from sources of ignition. Do not smoke.  
Protect against electrostatic charges.

## 8. Exposure controls / personal protection.

- 8.1 **Exposure limit values**  
  
OES  
Short term value 441 mg/m<sup>3</sup>, 100 ppm  
Long term value 220 mg/m<sup>3</sup>, 50ppm
- 8.2 **Respiratory protection**  
Where exposure levels exceed the OEL, suitable respiratory protective devices must be worn.
- 8.3 **Eye protection**  
Tightly sealed goggles.
- 8.4 **Skin protection**  
Protective gloves.

## 9. Physical and chemical properties.

Appearance	Fluid	
Odour	Characteristic	
PH	N/A	
Viscosity	Dynamic at 20°C <0.61 mPas	
Freezing point	N/A	
Boiling point	137-143°C	
Melting point	N/A	
Flash point	30°C	
Explosion limits	Lower 1.1 vol%	Upper 7 vol%
Density	>0.87 g/cm at 20°C	
Solubility in water	0.2 g/l	

## 10. Stability and reactivity.

### 10.1 Dangerous reactions

Reacts with strong oxidising agents

### 10.2 Dangerous decomposition products

Carbon monoxide and carbon dioxide. Poisonous gasses / vapours.

## 11. Toxicological information.

### 11.1 LD/LC50 values relevant for classification

Oral	LD50	4300 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)

### 11.2 Primary irritant effect

Irritant to the skin and mucous membrane.

## 12. Ecological information.

Insoluble in water.  
Non biodegradable.  
Water hazard class 2 (German regulation).

Aquatic toxicity: LC50 (96u) 165 ppm (daphnia)

## 13. Disposal considerations.

Must not be disposed of together with household waste. Do not allow product to reach sewerage system. Unclean packaging must be disposed of in accordance with official regulations.

## 14. Transport information.

### 14.1 Land transport

ADR/RID class:	3 flammable liquids
Danger code:	30
UN-number:	1307
Packaging group:	III
Hazard label:	3
Description of goods:	1307 Xylenes

### 14.2 Marine Transport

IMDG class:	3
UN-number:	1307
Packaging group:	III
Label:	3
Shipping name:	Xylenes
EMS number:	F-E, S-D

### 14.3 Air transport

ICAO/IATA class:	3
UN/ID number:	1307
Label:	3
Packaging group:	III
Shipping name:	Xylenes

## 15. Regulatory information.

### Classification – Xn Harmful

### 15.1 Risk phrases

10	Flammable
20/21	Harmful by inhalation and by contact with skin
38	Irritating to skin

## 16. Other information

16.1 If the material is redistributed for sale, details of its hazards and recommended methods for safe handling should be available to all sites and / or customers.

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