

# SAFETY DATA SHEET

## Poliseal (New)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name Poliseal (New)

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

Identified uses Sealer.

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

Supplier Aztec Chemicals  
Unit 16, University Way  
Orion Park  
Crewe  
Cheshire  
CW1 6NG  
+ 44 (0) 1270 655500 (T)  
+ 44 (0) 1270 655501 (F)  
info@aztecchemicals.com

#### 1.4. Emergency telephone number

Emergency telephone +44 (0)7831 300868

### SECTION 2: Hazards identification

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

##### Classification

Physical hazards Flam. Liq. 3 - H226

Health hazards Elicitation - EUH208

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) N;R51/53. R10,R66.

Human health Irritating to skin. Product has a defatting effect on skin.

Environmental The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

Physicochemical Heating may generate flammable vapours. Vapours may form explosive mixtures with air.

#### 2.2. Label elements

##### Pictogram



Signal word Warning

Hazard statements EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.  
H226 Flammable liquid and vapour.

## Poliseal (New)

<b>Precautionary statements</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P240 Ground/bond container and receiving equipment.</p> <p>P241 Use explosion-proof electrical equipment.</p> <p>P242 Use only non-sparking tools.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.</p> <p>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.</p> <p>P403+P235 Store in a well-ventilated place. Keep cool.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p> <p>P102 Keep out of reach of children.</p>
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### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>1-METHOXY-2-PROPANOL</b>		<b>5-10%</b>
CAS number: 107-98-2	EC number: 203-539-1	REACH registration number: 01-2119457435-35

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Flam. Liq. 3 - H226	R10 R67
Acute Tox. 4 - H312	
STOT SE 3 - H336	

<b>ETHYL METHYL KETOXIME</b>		<b>&lt;1%</b>
CAS number: 96-29-7	EC number: 202-496-6	REACH registration number: 01-2119539477-28

<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Dam. 1 - H318	Carc. Cat. 3;R40 Xn;R21 R43 Xi;R41
Skin Sens. 1 - H317	
Carc. 2 - H351	
Acute Tox. 4 - H312	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>General information</b>	Effects may be delayed. Keep affected person under observation. Keep affected person away from heat, sparks and flames.
<b>Inhalation</b>	Move affected person to fresh air at once. Keep affected person warm and at rest. Get medical attention immediately. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
<b>Ingestion</b>	Remove affected person from source of contamination. Rinse mouth thoroughly with water. Keep affected person away from heat, sparks and flames. Do not induce vomiting. Get medical attention immediately.

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<b>Skin contact</b>	Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	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.

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

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with the following media: Dry chemicals, sand, dolomite etc. Alcohol-resistant foam. Water spray, fog or mist. Carbon dioxide (CO<sub>2</sub>).

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

**Specific hazards** Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

### 5.3. Advice for firefighters

**Protective actions during firefighting** Ventilate closed spaces before entering them. Move containers from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Risk of re-ignition after fire has been extinguished. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Use air-supplied respirator, gloves and protective goggles. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Stop leak if possible without risk. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Flush away spillage with plenty of water. For waste disposal, see Section 13.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. 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. Vapours may accumulate on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

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

**Storage precautions** Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

## Poliseal (New)

**Storage class** Flammable liquid storage.

### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

##### 8.1. Control parameters

###### Occupational exposure limits

###### 1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m<sup>3</sup>(Sk)

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

#### 1-METHOXY-2-PROPANOL (CAS: 107-98-2)

<b>DNEL</b>	Industry - Inhalation; Short term local effects: 553.5 mg/m <sup>3</sup> Industry - Dermal; Long term systemic effects: 369 mg/m <sup>3</sup> Industry - Inhalation; Long term systemic effects: 369 mg/m <sup>3</sup> Consumer - Dermal; Long term systemic effects: 18.1 mg/kg/day Consumer - Inhalation; Long term systemic effects: 43.9 mg/m <sup>3</sup> Consumer - Oral; Long term systemic effects: 3.3 mg/kg/day
<b>PNEC</b>	- Fresh water; 10 mg/l - Marine water; 1 mg/l - STP; 100 mg/l - Sediment (Freshwater); 41.6 mg/kg - Sediment (Marinewater); 4.17 mg/l - Soil; 2.47 mg/kg - Intermittent release; 100 mg/l

##### 8.2. Exposure controls

###### Protective equipment



###### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

###### Personal protection

When using do not smoke

###### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

###### Hand protection

Use protective gloves.

###### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

###### Hygiene measures

Provide eyewash station. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Do not smoke in work area.

###### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

#### SECTION 9: Physical and Chemical Properties

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

## Poliseal (New)

<b>Appearance</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Aromatic.
<b>Initial boiling point and range</b>	152 - 198°C @ 760 mm Hg
<b>Flash point</b>	38°C CC (Closed cup).
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 0.8
<b>Vapour density</b>	>1
<b>Relative density</b>	0.9 @ 20°C
<b>Solubility(ies)</b>	Insoluble in water.
<b>Viscosity</b>	100 - 200 mPa s @ °C

### 9.2. Other information

<b>Volatility</b>	66
<b>Volatile organic compound</b>	This product contains a maximum VOC content of <555 g/litre.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidising agents.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Inhalation</b>	May cause respiratory system irritation. Harmful by inhalation. Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.
<b>Ingestion</b>	May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
<b>Skin contact</b>	Prolonged or repeated exposure may cause severe irritation. Product has a defatting effect on skin. May cause allergic contact eczema. Irritating to skin. Harmful in contact with skin.
<b>Eye contact</b>	Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.
<b>Route of entry</b>	Inhalation Ingestion. Skin and/or eye contact
<b>Medical symptoms</b>	Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

## SECTION 12: Ecological Information

## Poliseal (New)

<b>Ecotoxicity</b>	The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
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### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>General information</b>	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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<b>Disposal methods</b>	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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## SECTION 14: Transport information

<b>General</b>	Packs of 5L and under are not regulated under the Limited Quantities Provisions.
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### 14.1. UN number

<b>UN No. (ADR/RID)</b>	1263
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<b>UN No. (IMDG)</b>	1263
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<b>UN No. (ICAO)</b>	1263
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<b>UN No. (ADN)</b>	1263
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### 14.2. UN proper shipping name

<b>Proper shipping name (ADR/RID)</b>	PAINT
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<b>Proper shipping name (IMDG)</b>	PAINT
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<b>Proper shipping name (ICAO)</b>	PAINT
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<b>Proper shipping name (ADN)</b>	PAINT
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### 14.3. Transport hazard class(es)

<b>ADR/RID class</b>	3
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<b>ADR/RID classification code</b>	F1
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<b>ADR/RID label</b>	3
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<b>IMDG class</b>	3
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<b>ICAO class/division</b>	3
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<b>ADN class</b>	3
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## Poliseal (New)

### Transport labels



#### 14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

#### 14.5. Environmental hazards

##### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3YE
Hazard Identification Number (ADR/RID)	33
Tunnel restriction code	(D/E)

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

### SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Commission Regulation (EU) No 453/2010 of 20 May 2010.
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131.

#### 15.2. Chemical safety assessment

### SECTION 16: Other information

Revision date	28/05/2015
Revision	1
SDS number	12309

## Poliseal (New)

<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R10 Flammable. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction. H226 Flammable liquid and vapour. H312 Harmful in contact with skin. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer.

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