

# SAFETY DATA SHEET

## 1. Identification of the substance/mixture and of the company

### 1.1 Product identifier

**Product Name:**  
**PowerPatch® Slow Cure Sealant**  
**Type EPSC Paste (Part B)**

**Product ID numbers:** EPSC-KIT1, EPSC-KIT2; EPSC-XXX (Where XXX is the package code.)

### 1.2 Relevant identified uses of the mixture and uses advised against

**Identified uses:** Sealant/adhesive resin, Part B of 2-Part Sealant

**List of advices against:** Not applicable.

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

#### Supplier/Manufacturer:

**Polywater Europe BV**  
Zuidhaven 9-11 Unit B2  
4761 CR Zevenbergen  
Netherlands  
Tel: +31 (0)10 2330578  
Email: sds@ polywater.com

**American Polywater Corporation**  
11222 - 60th Street North  
Stillwater, MN 55082 USA  
Tel: 1-651-430-2270  
Email: sds@polywater.com

#### Local Contact Information

### 1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)

**National Poison Information Centre (NVIC): +31(0)30 274 8888**  
(Professional use for acute poisoning only, Netherlands.)  
**Local poison control information.**

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

**Classification according to EU Regulation (EC) No 1272/2008 and Australia WHS Regulation (2011).**  
Skin Irritation, Cat 2; H315  
Eye Irritation, Cat 2; H319  
Skin Sensitization, Cat 1; H317

### 2.2 Label elements

**Contains:** Polymer of C-18 Unsaturated Fatty Acid Dimers, Triethylenetetramine, Diethylene glycol bis (3-aminopropyl) ether



#### Pictograms:

**Signal word:** Warning

#### Hazard Statements:

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

#### Precautionary Statements:

P264	Wash thoroughly after handling.
P280	Wear protective gloves, protective clothing and eye protection.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P332 + P313	If skin irritation occurs: Get medical attention..
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists. Get medical attention.

**2.3 Other hazards:** No information available.

### 3. Composition/Information on Ingredients

<u>Component</u>	<u>CAS #</u>	<u>EC #</u>	<u>Wt. %</u>	<u>GHS/CLP Classification</u>
Polymer of C-18 Unsaturated Fatty Acid Dimers with TETA & TOFA	68082-29-1	500-191-5	30 - 50	Skin Irrit 2, H315 Skin Sens 1, H317 Eye Irrit 2A, H319
Polymer of C-18 Unsaturated Fatty Acid Dimers	68541-13-9	--	10 - 15	Eye Irrit. 2, H319
Triethylenetetramine	112-24-3	203-950-6	2 - 5	Acute Tox. 4, H312 Skin Corr. 1AB, H314 Skin Sens. 1 H317 Aquatic Chronic 3 H412
Diethylene glycol bis (3-aminopropyl) ether	4246-51-9	224-207-2	1 - 3	Skin Corr. 1B, H314 Skin Sens. 1, H317 Eye Irrit 2, H319

### 4. First Aid Measures

#### 4.1 Description of first aid measures

<b>Eye Contact:</b>	Immediately flush eyes with large quantity of water for 15 minutes. Seek medical attention.
<b>Skin Contact:</b>	Remove contaminated clothing; flush skin thoroughly with soap and water for at least 15 minutes. If irritation or allergic reaction occurs, seek medical attention.
<b>Inhalation (Breathing):</b>	If irritation of nose or throat develops, move to fresh air. If irritation persists, seek medical attention.
<b>Ingestion (Swallowing):</b>	Wash out mouth with water. Do not induce vomiting. If victim is unconscious, place on the left side with head down. Never give anything by mouth to an unconscious person. Do not leave victim unattended. Seek medical attention.

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

Refer to Section 11 for more information.

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

No information available.

### 5. Firefighting Measures

#### 5.1 Extinguishing media:

Water fog or fine spray, dry chemical carbon dioxide, or foam.

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

Dense smoke is emitted when burned without sufficient oxygen.

#### Hazardous decomposition and by-products:

Oxides of carbon, oxides of sulfur, oxides of nitrogen. May contain other combustion products of varying composition which may be toxic or irritating.

#### 5.3 Advice for firefighters

Wear full protective clothing, including self-contained, positive pressure or pressure-demand breathing apparatus. Sealed container can build up pressure when exposed to high heat. Water fog may be used to

cool fire exposed container to prevent pressure build-up and possible auto-ignition or rupture. Direct water stream may spread fire.

## 6. Accidental Release Measures

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

Isolate area. Use appropriate safety equipment.

### 6.2 Environmental precautions:

Avoid release to the environment. Refer to Section 12 for more information.

### 6.3 Methods materials for containment and cleaning up:

Absorb spill with sand or absorbents. Residual resin may be removed using steam or hot soapy water. Collect as much of the spilled material as possible using non-sparking tools and transfer to a container. Seal the container. Residual material can be removed with solvent.

### 6.4 Reference to other sections:

Refer to Sections 4, 5, 8, and 13 for more information.

## 7. Handling and Storage

### 7.1 Precautions for safe handling

Avoid personal contact with the product. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Wash thoroughly after handling. Wash contaminated clothing before reuse. For industrial or professional use only.

### 7.2 Conditions for safe storage, including incompatibilities

Keep containers cool, dry, and away from sources of ignition. Keep containers and cartridges capped and sealed. Protect from freezing. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

### 7.3 Specific end uses

See technical data sheet on this product for further information.

## 8. Exposure Controls / Personal Protection

### 8.1 Control parameters

#### Exposure limits and recommendations:

Contains no components with established Occupational Exposure Limit (OEL) values.

### 8.2 Exposure controls

#### Respiratory protection:

Normal ventilation is adequate. If exposure exceeds recommended limits, respirator protection is recommended. Use a respirator or gas mask with cartridges for organic vapors (NIOSH-approved) or use supplied air equipment.

#### Protective gloves:

The use of chemically resistant gloves is recommended to prevent skin contact. Suitable materials include nitrile (included in most kits), neoprene, ethyl vinyl alcohol (EVAL), PVC.

#### Eye protection:

Safety glasses recommended.

#### Other protective equipment:

Use protective cream if skin contact is likely. Remove and wash contaminated clothing before reuse. Discard contaminated shoes.

## 9. Physical and Chemical

### 9.1 Information of basic physical and chemical properties

<b>Appearance:</b>	White to yellow paste; slight sulfur, pungent odor.
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Does not apply

<b>Freezing point:</b>	Not available
<b>Boiling point:</b>	Not available
<b>Flash point:</b>	>90°C (PMCC)
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapor pressure:</b>	<1 mm Hg @ 20°C
<b>Vapor density (Air = 1):</b>	Not available
<b>Specific gravity (H<sub>2</sub>O = 1):</b>	1,17 @ 20°C
<b>Solubility in water:</b>	Negligible
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity:</b>	Not available

**9.2 Other Information**

<b>Volatiles (Weight %):</b>	0%
<b>VOC Content:</b>	0 g/l

**10. Stability and Reactivity**

**10.1 Reactivity:**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability:**

Stable

**10.3 Possibility of hazardous reactions:**

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

**10.4 Conditions to avoid:**

Avoid extreme heat and open flame.

**10.5 Incompatible materials :**

Strong oxidizing agents.

**10.6 Hazardous decomposition products:**

Oxides of carbon, oxides of sulfur, oxides of nitrogen and other organic substances may be formed during combustion or elevated temperature degradation.

**11. Toxicological Information**

**11.1 Information on toxicological effects:**

**Acute toxicity**

**Eye contact:**

Direct eye contact with material or vapors may cause eye irritation.

**Skin contact:**

May cause severe skin irritation, especially on prolonged contact. Prolonged or repeated skin exposure may cause skin sensitization.

**Irritation and Sensitization Potential:**

This product has high skin irritation potential. It is a sensitizer.

**Inhalation (Breathing):**

Low vapor pressure makes this route of exposure unlikely. No known significant hazard.

**Ingestion:**

Material is considered slightly toxic. Ingestion may cause irritation of the gastrointestinal tract, nausea, vomiting, and diarrhea.

**Toxicity to Animals:**

Polymercaptan amine blend	LD <sub>50</sub> (oral rat) >2000 mg/kg
Polymer of C-18 Unsaturated Fatty Acid	
Dimers with TETA & TOFA	LD <sub>50</sub> (oral rat) >2000 mg/kg
	LD <sub>50</sub> (dermal rabbit) >2000 mg/kg
Triethylenetetramine	LD <sub>50</sub> (oral rat) 2780 mg/kg
	LD <sub>50</sub> (dermal rabbit) 550 mg/kg

**Aspiration Hazard:**

No aspiration hazard expected.

**Chronic Exposure:**

<b>Reproductive Toxicity:</b>	Not available.
<b>Mutagenicity:</b>	Not available.
<b>Teratogenicity:</b>	Not available.
<b>Specific Target Organ Toxicity (STOT)</b>	Not available.
<b>Toxicologically Synergistic Products:</b>	Not available.
<b>Carcinogenic Status:</b>	This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

**12. Ecological Information**

**12.1 Toxicity:**

**Aquatic Toxicity:** Not available.

**12.2 Persistence and degradability:** Not available.

**12.3 Bioaccumulation potential:** Not available.

**12.4 Mobility in soil:** Not available.

**12.5 Results of PBT and vPvB Assessment:** This product is not, nor does it contain a substance that is a PBT or vPvB.

**12.6 Other adverse effects:** None known.

**13. Disposal Considerations**

Do not dump into sewer, on ground or into any body of water. Dispose of product in accordance with National and Local Regulations.

**14. Transport Information**

<b>DOT:</b>	Not Regulated
<b>UN Number:</b>	Not Listed
<b>UN Proper Shipping Name:</b>	Not Applicable
<b>Class and Subsidiary Risk:</b>	Not Applicable
<b>Packing Group:</b>	Not Applicable
<b>ICAO/IATA-DGR:</b>	Not Regulated
<b>IMDG:</b>	Not Regulated
<b>ADR/RID:</b>	Not Regulated

**15. Regulatory Information**

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

**European Union**

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Contains no substance on the REACH candidate list  $\geq 0.1\%$  SCL. Does not contain notified substances from the ELINCS List, Directive 92/32/EEC. Contains no REACH substances with Annex XVII restrictions.

**Australia**

All components are listed on the AICS.  
Product is classified as hazardous according to criteria of NOHSC Australia.

**USA Federal and State**

All components are listed on the TSCA inventory.

**Canada**

All components are listed on the DSL inventory.  
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out for the mixture by the supplier.

**16. Other Information**

**Abbreviations and acronyms:**

OSHA = Occupational Safety and Health Administration  
CLP = Classification, Labeling and Packaging Regulation  
STOT = Specific Target Organ Toxicity  
LD<sub>50</sub> = Median Lethal Dose  
DNEL = Derived No Effect Level  
ACGIH = American Conference of Governmental Industrial Hygienists  
TSCA = Toxic Substances Control Act (USA)  
DSL = Domestic Substances List (Canada)  
AICS = Australian Inventory of Chemical Substances

**Mixture classification according to Regulation (EC) No 1272/2008:**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.

**Classification Procedure**

Calculation method.  
Calculation method.  
Calculation method.

**Revision Date:** 10 August 2017

**Revision Number:** 6 EU

**Supersedes:** January 2, 2015

**Other:** Not Applicable

**Indication of Changes:** Reviewed with minor format updates.

Written in accordance with the provisions of REACH Annex II (EU No 453/2010) and Australia WHS Regulation (2011). (GHS format)

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.