



# SAFETY DATA SHEET

## Pipelock PL 100

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 28.11.2012

#### 1.1. Product identifier

Product name Pipelock PL 100

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

Function Description: Fire seal

Relevant identified uses PC9 Coatings and Paints, Fillers, Putties, Thinners

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

Company name ESSVE Produkter AB

Office address Esbogatan 14

Postal address P.O. Box 7091

Postcode Kista

City Sollentuna

Country Sweden

Telephone number +4686236100

Fax +468926865

Website <http://www.essve.se>

Contact person Dick Johansson (dick.johansson@essve.se)

#### 1.4. Emergency telephone number

Emergency telephone Telephone number: +46 (0)8 33 12 31  
Description: Swedish Poisons Information Centre

Telephone number: 112  
Description: Dial for acute emergency

### SECTION 2: Hazards identification

#### 2.1. Classification of substance or mixture

Classification according to  
67/548/EEC or 1999/45/EC

Xn,Mut 3; R68  
Xi; R36/38,R43

## 2.2. Label elements

### Hazard symbol



R-phrases

R36/38 Irritating to eyes and skin. R43 May cause sensitization by skin contact. R68 Possible risk of irreversible effects.

Composition on the label

Phenol 2,4 %, Formaldehyde ...% 0,5 %

## 2.3. Other hazards

## SECTION 3: Composition / information on ingredients

### 3.2. Mixtures

Substance	Identification	Classification	Contents
Phenol	CAS No.: 108-95-2 EC No.: 203-632-7 Index No.: 604-001-00-2 Synonyms for section 3: Phenol	Mut 3; R68 T; R23/24/25 C; R34 Xn; R48/20/21/22 Muta. 2;H341 Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 3;H301 STOT RE 2;H373 Skin Corr. 1B;H314 Comments on note: Sk	2,4 %
Formaldehyde ...%	CAS No.: 50-00-0 EC No.: 200-001-8 Index No.: 605-001-00-5 Synonyms for section 3: Formaldehyde	Cancer 3; R40 T; R23/24/25 C; R34 R43 Carc. 2;H351 Acute Tox. 3;H331 Acute Tox. 3;H311 Acute Tox. 3;H301 Skin Corr. 1B;H314 Skin Sens. 1;H317 Note : B; D	0,5 %

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation

Move injured person into fresh air and keep person calm under observation. If uncomfortable:  
Seek hospital and bring these instructions.

Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Contact physician if irritation continues.

Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. Get medical attention.
Recommended personal protective equipment for first aid responders	No information required.

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

Information for health personnel	No information required.
Acute symptoms and effects	No information.
Delayed symptoms and effects	No information.

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

Other information	No information required.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Improper extinguishing media	None known.

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

Hazardous combustion products	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Toxic gases/vapours/fumes of:
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### 5.3. Advice for firefighters

Fire fighting procedures	Use air-supplied respirator during fire fighting.
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## SECTION 6: Accidental release measures

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

Personal protection measures	For personal protection, see section 8.
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#### 6.1.1. For non-emergency personnel

Personal precautions	No information required.
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#### 6.1.2. For emergency responders

For emergency responders	No information required.
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### 6.2. Environmental precautions

Environmental precautionary measures	Do not discharge into drains, water courses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

Cleaning method	For waste disposal, see section 13.
Clean up	No information required.

## 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Do not smoke or use open fire or other sources of ignition. Avoid contact with skin and eyes. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in tightly closed original container in a dry and cool place. Store in a cool and well-ventilated place. Store protected from acids. Protect against direct sunlight. Keep away from heat, sparks and open flame.
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### 7.3. Specific end use(s)

Specific use(s)	No information required.
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## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Phenol	CAS No.: 108-95-2	TWA (8h): 2 ppm	TWA Year: 2011
	EC No.: 203-632-7	TWA (8h): 7,8 mg/m <sup>3</sup>	
	Index No.: 604-001-00-2	<b>OEL short term value</b>	
	Synonyms for section 3:	Value: 4 ppm	
	Phenol	<b>OEL short term value</b> Value: 16 mg/m <sup>3</sup>	
Formaldehyde ...%	CAS No.: 50-00-0	TWA (8h): 2 ppm	TWA Year: 2011
	EC No.: 200-001-8	TWA (8h): 2,5 mg/m <sup>3</sup>	
	Index No.: 605-001-00-5	<b>OEL short term value</b>	
	Synonyms for section 3:	Value: 2 ppm	
	Formaldehyde	<b>OEL short term value</b> Value: 2,5 mg/m <sup>3</sup>	

### 8.2. Exposure controls

Recommended monitoring procedures	No information required.
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### Safety signs



### Respiratory protection

Respiratory protection	In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. Use respiratory equipment with gas filter, type B.
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## Hand protection

Hand protection Polyvinyl chloride (PVC). Neoprene.

## Eye / face protection

Eye protection Use eye protection.

## Skin protection

Skin protection (except hands) Wear appropriate clothing to prevent reasonably probable skin contact.

## SECTION 9: Physical and chemical properties

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

Physical state	Solid.
Colour	Dark brown.
Odour	Phenolic.
Boiling point / boiling range	Value: 182 °C
Vapour density	Value: 3,24 (air=1) Reference gas: phenol
Specific gravity	Value: 1,9 – 2,0 kg.m3 (20 C)

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity No recommendation given.

### 10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not entered.

### 10.4. Conditions to avoid

Conditions to avoid Avoid contact with acids and oxidising substances.

### 10.5. Incompatible materials

### 10.6. Hazardous decomposition products

Hazardous decomposition products During fire, toxic gases (CO, CO2) are formed. Formaldehyde. Hydrocarbons.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	Type of toxicity: Acute Effect tested: LD50 Route of exposure: Oral Value: 2000 mg/kg Species: Rat
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### Potential acute effects

Inhalation	May cause respiratory irritation. Vapours may cause headache, fatigue, dizziness and nausea.
Skin contact	May cause irritation. Skin sensitisation:
Eye contact	Direct contact may irritate.
Ingestion	Nausea, vomiting.
Irritation	Causes skin irritation.

### Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity, other information	No information required.
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## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic, comments	No information required.
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### 12.2. Persistence and degradability

Persistence and degradability, comments	No information required.
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	No information required.
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### 12.4. Mobility in soil

Mobility	No information required.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results	No information required.
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### 12.6. Other adverse effects

Environmental details, summation	No information required.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product classified as hazardous waste	Yes
EWG waste code	EWG: 170903* other construction and demolition wastes (including mixed wastes) containing dangerous substances

## SECTION 14: Transport information

### 14.1. UN number

Comments The product is not classified as dangerous goods.

### 14.2. UN proper shipping name

Comments Not relevant.

### 14.3. Transport hazard class(es)

Comments Not relevant.

### 14.4. Packing group

Comments Not relevant.

### 14.5. Environmental hazards

Comments Not relevant.

### 14.6. Special precautions for user

Special safety precautions for user No information required.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

#### Additional information

Additional information No information required.

## SECTION 15: Regulatory information

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

References (laws/regulations) Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Work Environment Authority's regulations and general guidelines on exposure limits. AFS 2011:18, with amendments. Avfallsförordning (2011:927)

### 15.2. Chemical safety assessment

Chemical safety assessment performed No

## SECTION 16: Other information

List of relevant R-phrases (under headings 2 and 3).  
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
R34 Causes burns.  
R36/38 Irritating to eyes and skin.  
R40 Limited evidence of a carcinogenic effect.  
R43 May cause sensitization by skin contact.  
R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through

	<p>inhalation, in contact with skin and if swallowed.  R68 Possible risk of irreversible effects.</p>
<p>List of relevant H-phrases  (Section 2 and 3)</p>	<p>H301 Toxic if swallowed.  H311 Toxic in contact with skin.  H314 Causes Severe skin burns and eye damage.  H317 May cause an allergic skin reaction.  H331 Toxic if inhaled.  H341 Suspected of causing genetic defects  H351 Suspected of causing cancer  H373 May cause damage to organs through prolonged or repeated exposure</p>
<p>Key literature references and  sources for data</p>	<p>MSDS supplied by the manufacturer</p>