

**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

Page 1 of 4

**Permabond A905 Surface Conditioner**

Revision 7  
Revision date 11-11-2010

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY**

**Product name** Permabond A905 Surface Conditioner  
**Company** Permabond Engineering Adhesives Ltd  
Wessex Business Park  
Wessex Way  
Colden Common  
Hampshire  
SO21 1WP  
United Kingdom  
**Telephone** +44 (0)1962 711661  
**Fax** +44 (0)1962 711662

**2. HAZARDS IDENTIFICATION**

**Main hazards** Highly flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.  
**Skin contact** Repeated or prolonged exposure may cause dermatitis and skin irritation, due to the degreasing properties of the product.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Hazardous ingredients**

	Conc.	CAS	EINECS	Symbols/Risk phrases
Heptane (n-Heptane)	50-100%	142-82-5	205-563-8	F; R11 Xn; R65 Xi; R38 R67 N; R50/53
N,N-Dimethyl-p-toluidine	0.1-1%	99-97-8	202-805-4	T; R23/24/25 R33 R52/53

**4. FIRST AID MEASURES**

**Skin contact** Wash with soap and water. If symptoms develop, obtain medical attention.  
**Eye contact** Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Get medical attention if irritation persists.  
**Inhalation** Move the exposed person to fresh air. If symptoms develop, obtain medical attention.  
**Ingestion** If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting: contains petroleum distillates and/or aromatic solvents.

**5. FIRE FIGHTING MEASURES**

**Extinguishing media** Dry chemical. , foam.  
**Fire hazards** Burning produces irritating, toxic and obnoxious fumes. Carbon monoxide, carbon dioxide, and unknown hydrocarbons.  
**Protective equipment** Wear: Self-contained breathing apparatus.

# Permabond A905 Surface Conditioner

Revision 7  
Revision date 11-11-2010

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Eliminate all sources of ignition. Evacuate personnel to a safe area.
<b>Environmental precautions</b>	Do not allow product to enter drains.
<b>Clean up methods</b>	Prevent further spillage if safe. Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Always replace cap after use.
<b>Storage</b>	Keep in a cool, dry, well ventilated area. Keep away from heat.. Take precautionary measures against static discharges.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure limits

Heptane	WEL 8-hr limit ppm: 500	WEL 8-hr limit mg/m3: -
(n-Heptane)	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -

<b>Engineering measures</b>	Ensure adequate ventilation of the working area.
<b>Respiratory protection</b>	Not normally required.
<b>Hand protection</b>	Nitrile rubber or Viton™ gloves are recommended. Cotton or other absorbent gloves should not be worn. Gloves should conform to EN 374.
<b>Eye protection</b>	Safety glasses, goggles or face shield to protect against splashing. Personal eye protection should conform to EN 166
<b>Protective equipment</b>	Uniforms, coveralls, or a lab coat should be worn. Wash hands before eating, drinking, or using toilet facilities.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Description</b>	Liquid.
<b>Colour</b>	Green.
<b>Odour</b>	Characteristic.
<b>Boiling point</b>	98°C
<b>Flash point</b>	-4°C
<b>Vapour pressure</b>	46mm Hg
<b>Relative density</b>	0.68
<b>Viscosity</b>	~0.7 mPa.s
<b>Vapour density</b>	3.5
<b>Evaporation rate</b>	4.3

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable.
<b>Hazardous decomposition products</b>	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

# Permabond A905 Surface Conditioner

Revision 7  
Revision date 11-11-2010

## 11. TOXICOLOGICAL INFORMATION

<b>Corrosivity</b>	Irritating to skin.
<b>Sensitization</b>	None known .
<b>Repeated or prolonged exposure</b>	Prolonged skin contact may defat the skin and produce dermatitis.
<b>Mutagenic effects</b>	None known .
<b>Carcinogenic effects</b>	None known .
<b>Further information</b>	The toxicological properties of this product have not been fully evaluated. Use of good industrial hygiene practices is required. Avoid direct contact with skin or eyes. Do not ingest or inhale.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
--------------------	--


## 13. DISPOSAL CONSIDERATIONS

<b>General information</b>	Waste disposal should be in accordance with existing Community, National and local regulations.
<b>Disposal of packaging</b>	Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

## 14. TRANSPORT INFORMATION

<b>ADR/RID</b>	UN 1206 Class 3	<b>Packing group II</b> <b>Proper Shipping Name</b> HEPTANES .
<b>IMDG</b>	UN 1206 Class 3	<b>Packing group II</b> <b>Marine pollutant</b> NO
<b>IATA</b>	UN 1206 Class 3	<b>Packing group II</b>
<b>Further information</b>	Tunnel Code = D/E.	

## 15. REGULATORY INFORMATION

<b>Symbols</b>	F, Highly flammable, Xn, Harmful.N - Dangerous for the environment 
<b>Risk phrases</b>	R11 - Highly flammable. R38 - Irritating to skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R67 - Vapours may cause drowsiness and dizziness.
<b>Safety phrases</b>	S9 - Keep container in a well-ventilated place. S16 - Keep away from sources of ignition - No smoking. S60 - This material and its container must be disposed of as hazardous waste. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

# Permabond A905 Surface Conditioner

Revision 7  
Revision date 11-11-2010

## 16. OTHER INFORMATION

<b>Text of risk phrases in Section 3</b>	R11 - Highly flammable. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R33 - Danger of cumulative effects. R38 - Irritating to skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R67 - Vapours may cause drowsiness and dizziness.
<b>General information</b>	Directives 1272/2008/EC, 1999/45/EC and 91/155/EEC have been considered when compiling this SDS. The information is provided for health and safety assessment by an industrial user. Reference should be made to any relevant local or national health, safety, and environmental legislation. This information does not constitute indication of suitability for specific uses.
<b>Revision</b>	This document differs from the previous version in the following areas: 14 - further information.

## **X-ON Electronics**

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [permabond](#) manufacturer:*

Other Similar products are found below :

[Permabond](#)