



**SAFETY DATA SHEET**  
**Permabond CA Solvent 2**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

**Product name** Permabond CA Solvent 2

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

**Identified uses** Cleaning agent.

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

**Supplier** Permabond Engineering Adhesives Ltd.  
Wessex Way  
Colden Common  
Winchester  
Hampshire. SO21 1WP  
United Kingdom  
Tel: +44 (0)1962 711 661  
Fax: +44 (0)1962 711 662  
info.europe@permabond.com

**1.4. Emergency telephone number**

UK +44 (0)1962 711 661 USA 0800 640 7599 Asia +86 (0)21 5773 4913

**SECTION 2: HAZARDS IDENTIFICATION**

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

**Classification (1999/45/EEC)** Not classified.

**2.2. Label elements**

**Risk Phrases**

NC Not classified.

**Safety Phrases**

NC Not classified.

**2.3. Other hazards**

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition Comments**

No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**Inhalation**

Move the exposed person to fresh air. Get medical attention if any discomfort continues.

**Ingestion**

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Never give liquid to an unconscious person. Get medical attention.

**Skin contact**

Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms develop, obtain medical attention

**Eye contact**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

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## Skin contact

Prolonged contact may cause redness, irritation and dry skin.

## Eye contact

May cause temporary eye irritation.

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

No specific first aid measures noted. Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### **5.1. Extinguishing media**

#### Extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

#### Hazardous combustion products

Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds. Burning produces irritating, toxic and obnoxious fumes.

### **5.3. Advice for firefighters**

#### Protective equipment for fire-fighters

Wear self contained breathing apparatus and protective clothing.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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

### **6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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

Absorb with sand or other inert absorbent. Transfer to suitable, labelled containers for disposal.

### **6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

#### Ingredient Comments

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

#### Protective equipment



#### Engineering measures

Normal (mechanical) room ventilation should be adequate for small volumes. For higher volume activities, or if needed for worker comfort, local mechanical exhaust should be provided.

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## Respiratory equipment

Not normally required.

## Hand protection

Nitrile rubber or Viton™ gloves are recommended. Cotton or other absorbent gloves should not be worn. Gloves should conform to EN 374.

## Eye protection

If risk of splashing, wear safety goggles or face shield. Personal eye protection should conform to EN 166

## Other Protection

Uniforms, coveralls, or a lab coat should be worn

## Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Liquid
<b>Colour</b>	Colourless to pale yellow.
<b>Odour</b>	Slight odour.
<b>Solubility</b>	Slightly soluble in water.

#### Initial boiling point and boiling range

Not available.

#### Melting point (°C)

Not available.

**Relative density** 1.06

#### Vapour density (air=1)

Not applicable.

#### Vapour pressure

Not available.

#### Evaporation rate

Not applicable.

#### pH-Value, Conc. Solution

Not determined.

#### pH-Value, Diluted Solution

Not determined.

**Viscosity** ~450 mPa.s  
Thixotropic

#### Decomposition temperature (°C)

Not determined.

#### Odour Threshold, Lower

Not available.

**Flash point** >100°C

#### Auto Ignition Temperature (°C)

Not available.

#### Partition Coefficient (N-Octanol/Water)

Not determined.

#### Explosive properties

Not applicable.

#### Oxidising properties

Not applicable.

### 9.2. Other information

Not relevant

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

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No specific, or groups of materials are likely to react to produce a hazardous situation.

### **10.4. Conditions to avoid**

Avoid heat, flames and other sources of ignition.

### **10.5. Incompatible materials**

#### **Materials To Avoid**

Strong acids. Strong alkalis. Strong oxidising substances. Strong reducing agents.

### **10.6. Hazardous decomposition products**

Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.

## SECTION 11: TOXICOLOGICAL INFORMATION

### **11.1. Information on toxicological effects**

#### **Toxicological information**

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.

#### **Aspiration hazard:**

Based on available data the classification criteria are not met.

#### **Inhalation**

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

#### **Ingestion**

No harmful effects expected in amounts likely to be ingested by accident.

#### **Skin contact**

Prolonged contact may cause redness and irritation.

#### **Eye contact**

May cause temporary eye irritation.

## SECTION 12: ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

No data available.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

No data available on bioaccumulation.

#### **Partition coefficient**

Not determined.

### **12.4. Mobility in soil**

#### **Mobility:**

The product has poor water-solubility.

### **12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

None known.

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### SECTION 13: DISPOSAL CONSIDERATIONS

#### General information

Waste disposal should be in accordance with existing Community, National and local regulations Empty containers may contain product residue; follow SDS and label warnings even after they have been emptied.

#### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

### SECTION 14: TRANSPORT INFORMATION

#### General

The product is not classified as dangerous for carriage.

#### **14.1. UN number**

Not applicable.

#### **14.2. UN proper shipping name**

Not applicable.

#### **14.3. Transport hazard class(es)**

Not applicable.

#### **14.4. Packing group**

Not applicable.

#### **14.5. Environmental hazards**

#### Environmentally Hazardous Substance/Marine Pollutant

No.

#### **14.6. Special precautions for user**

Not relevant

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

Not relevant

### SECTION 15: REGULATORY INFORMATION

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

##### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

##### Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

##### Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

##### EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

Revision Date 16/11/2012

Revision 1

#### Risk Phrases In Full

NC Not classified.