



**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**

**Emergency telephone** 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 (EC/1272/2008)**

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

**2.2. Label elements**

**Hazard statements** NC Not Classified

**2.3. Other hazards**

None under normal conditions.

**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.

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<b>Ingestion</b>	Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Remove contaminated clothing. If symptoms develop, obtain medical attention
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. 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

<b>Skin contact</b>	Prolonged contact may cause redness, irritation and dry skin.
<b>Eye contact</b>	May cause temporary eye irritation.

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

<b>Notes for the doctor</b>	No specific recommendations. Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Hazardous combustion products</b>	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds. Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear self contained breathing apparatus and protective clothing.
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## SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Avoid discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb spillage with sand or other inert absorbent. Transfer to suitable, labelled containers for disposal.
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### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8. For waste disposal, see section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

<b>Usage precautions</b>	Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product.
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### 7.2. Conditions for safe storage, including any incompatibilities

<b>Storage precautions</b>	Store in tightly-closed, original container in a dry and cool place.
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### 7.3. Specific end use(s)

## Permabond CA Solvent 2

Specific end use(s) Adhesive.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

Ingredient comments No exposure limits known for ingredient(s).

#### 8.2. Exposure controls

##### Protective equipment



Appropriate engineering controls No specific ventilation requirements.

Eye/face protection The following protection should be worn: Chemical splash goggles or face shield. Personal eye protection should conform to EN 166

Hand protection Nitrile rubber or Viton™ gloves are recommended. Cotton or other absorbent gloves should not be worn. Gloves should conform to EN 374. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body 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. Use of good industrial hygiene practices is required.

Respiratory protection Not normally required.

### SECTION 9: Physical and Chemical Properties

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

Appearance	Liquid.
Colour	Colourless to pale yellow.
Odour	Slight.
Odour threshold	Not available.
pH	Not determined.
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	>100°C
Evaporation rate	Not applicable.
Vapour pressure	Not available.
Vapour density	Not applicable.
Relative density	1.1
Solubility(ies)	Slightly soluble in water.
Partition coefficient	Not determined.



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Auto-ignition temperature	Not available.
Decomposition Temperature	Not determined.
Viscosity	≈18 mPa s @ 23°C
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

### 9.2. Other information

Other information	Not relevant.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition.
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### 10.5. Incompatible materials

Materials to avoid	Strong acids. Strong alkalis. Strong oxidising agents. Strong reducing agents.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition could produce carbon monoxide, carbon dioxide, and unidentified organic compounds.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects	The toxicological properties of this product have not been fully evaluated. Avoid direct contact with skin or eyes. Do not ingest or inhale.
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### Aspiration hazard

Aspiration hazard	Based on available data the classification criteria are not met.
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Inhalation	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
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Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
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Skin contact	Prolonged and frequent contact may cause redness and irritation.
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Eye contact	May cause temporary eye irritation.
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## SECTION 12: Ecological Information

Ecotoxicity	Not regarded as dangerous for the environment.
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### 12.1. Toxicity

## Permabond CA Solvent 2

**Toxicity** No data available.

### 12.2. Persistence and degradability

**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

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**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.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## 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 MARPOL and the IBC Code

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not relevant.

### SECTION 15: Regulatory information

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

<b>National regulations</b>	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
<b>EU legislation</b>	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 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
<b>Guidance</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Revision date</b>	11/05/2016
<b>Revision</b>	2
<b>Supersedes date</b>	16/11/2012
<b>Risk phrases in full</b>	Not classified.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



### Description

Permabond CA Solvent 2 is a blend of organic esters which can be used to remove cured cyanoacrylate adhesive from surfaces, clothing or to debond parts assembled with cyanoacrylate adhesives. It is non-flammable and non-hazardous.

### Physical Properties

Chemical base	Organic esters
Appearance	Clear Liquid
Viscosity @20°C	<20 mPa.s
Flashpoint	>+100°C
Specific Gravity	1.05

### Storage & Handling

Storage Temperature Store in a cool place away from direct sunlight	5 to 25°C
Shelf Life Stored in original unopened containers	12 months

### Directions for Use

- Applying CA Solvent 2 remover to cured cyanoacrylate adhesive will allow its removal in several minutes to several hours, depending upon the amount of adhesive.
- Thin layers of adhesive will wipe off with the remover soaked tissue or cloth.
- Thick beads or drops will take between 15 and 30 minutes and will require reapplication of solvent.
- Bonded parts may require several hours of soaking.
- This solvent can affect certain plastics, coatings and fabrics. It is recommended that all surfaces be tested for compatibility before use.

### Additional Information

Users are reminded that all materials, whether innocuous or not, should be handled in accordance with the principles of good industrial hygiene. Full information can be obtained from the Material Safety Data Sheet.

**This product is not recommended for use with strong oxidizing materials.**

### Contact Permabond:

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