

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

### 1.1 Product identifier

Trade name: Solvent Weld Cement (PWC250)  
Brand: Gel-clear Ltd

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

Relevant identified uses: Gel-clear Solvent Weld Cement is a high-performance adhesive formulated for PVC and ABS plastic pipes, delivering a strong bond in just 30 seconds. Engineered for supermarket refrigeration drainage, it ensures quick, efficient, and leak-free installations.

Uses advised against: All other uses.

### 1.3 Details of the supplier of the Safety Data Sheet

Gel-clear Ltd  
145 Bolton Road,  
Darwen, BB3 1DF,  
UK

Phone: 01254 760002  
E-mail: info@gel-clear.co.uk

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]:**

Flammable liquid, category 2

Eye irritation, category 2

Specific target organ toxicity -single exposure, category 3

### 2.2 Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]:**



**Signal word:**

Danger

### Hazard statements:

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

### Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P301 + P312 IF SWALLOWED: Call a POISON CENTRE or doctor/ physician if you feel unwell.

P330 Rinse mouth.

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 advice/ attention.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P332 + P313 If skin irritation occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

P403 + P235 Store in a well-ventilated place. Keep cool.

P405 Store locked up.

### 2.3 Other hazards

None known.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture meeting the criteria for classification in accordance with Regulation (EC) No. 1272/2008.

### Ingredients:

| Name                | CAS No.   | GHS classification  | % (w/v)     |
|---------------------|-----------|---|-------------|
| Methyl Ethyl Ketone | 78-93-3   | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 | Proprietary |
| Tetrahydrofuran     | 109-99-9  | Flam. Liq. 2, H225<br>Eye Irrit. 2, H319<br>STOT SE 3, H336 | Proprietary |
| Cyclohexanone       | 108-94-1  | Flam. Liq. 3, H226<br>Acute Tox. 4, H332                    | Proprietary |
| PVC Resin           | 9002-86-2 | Not classified.   | Proprietary |

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

**Following inhalation:** After inhalation: fresh air. Call in physician.

**Following skin contact:** In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

**Following eye contact:** After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

**Following ingestion:** After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

**Protection of first aider:** Not applicable.

#### 4.2 Most important symptoms and effects

**Symptoms:** The known symptoms and effects are described in section 2.2 of this SDS.

**Risks:** Untreated symptoms may result in additional health risks.

#### 4.3 Indication of any immediate medical and special treatment

The physician may contact the national poison centre for advice.

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

**Suitable extinguishing media:** Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

**Unsuitable extinguishing media:** No data available.

#### 5.2 Specific hazards arising from mixture

Carbon oxides  
formaldehyde  
corrosive vapours  
Nitrogen oxides (NO<sub>x</sub>)

#### 5.3 Advice for fire fighters

##### Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

#### 5.4 Other information

No other information available.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1 NOTES FOR NON-EMERGENCY PERSONNEL:** Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations.

**6.2 ENVIRONMENTAL PRECAUTIONS:** Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

**Notes for those trained to participate in an emergency:**

**6.3 ACCIDENTAL RELEASE MEASURES:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition. Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Container may be opened only under exhaust ventilation hood. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

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

**Storage Conditions:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

**Incompatible materials:** See section 10.

### 7.3 Specific end uses

See section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No data available.

### 8.2 Exposure controls

#### Engineering controls:

Ensure that eyewash stations and safety showers are close to the workstation location. Handle only in a place equipped with local exhaust (or other appropriate exhaust).

#### Personal Protective equipment:

Hand: Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. The times are approximate values from measurements at 22 ° C and permanent contact. Increased temperatures due to heated substances, body heat etc. and a reduction of the effective layer thickness by stretching can lead to a considerable reduction of the breakthrough time. If in doubt, contact manufacturer. At an approx. 1.5

times larger / smaller layer thickness, the respective breakthrough time is doubled / halved. The data apply only to the pure substance. When transferred to substance mixtures, they may only be considered as a guide.

Body protection: Appropriate protective clothing should be worn to prevent skin contact.

Eye: Use safety goggle with side protection.

Respiratory: Respiratory protection necessary at: Aerosol or mist formation. Type: A (against organic gases and vapours with a boiling point of > 65 °C , colour code: Brown).

Other measures: No statement available.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| <b>Appearance:</b>                                   | Liquid   |
| <b>Colour:</b>                                       | Colourless                                       |
| <b>Odour:</b>  | Specific   |
| <b>Odour threshold:</b>                              | No data available                                |
| <b>pH:</b>   | No data available                                |
| <b>Melting point/range:</b>                          | No data available                                |
| <b>Boiling point/range:</b>                          | No data available                                |
| <b>Flash point:</b>                                  | 45 °C  |
| <b>Evaporation rate:</b>                             | No data available                                |
| <b>Flammability:</b>                                 | flammable liquid in accordance with GHS criteria |
| <b>Upper/lower flammability or explosive limits:</b> | No data available                                |
| <b>Vapour pressure:</b>                              | No data available                                |
| <b>Vapour density:</b>                               | No data available                                |
| <b>Relative Density:</b>                             | No data available                                |
| <b>Solubility(ies):</b>                              | No data available                                |
| <b>Partition coefficient (n-octanol/water):</b>      | No data available                                |
| <b>Auto-ignition temperature:</b>                    | No data available                                |
| <b>Decomposition temperature:</b>                    | No data available                                |
| <b>Viscosity:</b>                                    | No data available                                |
| <b>Explosive properties:</b>                         | No data available                                |
| <b>Oxidizing properties:</b>                         | No data available                                |

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Vapours may form explosive mixture with air.

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

Keep away from heat, flame, sparks and other ignition sources.

#### **10.5 Incompatible materials**

Strong acids , Aldehydes, Oxidizing agents, Oils, Amines.

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

Carbon oxides  
Sulphur oxides

### **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **General information:**

This product does not contain known human carcinogens.

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

##### **Acute Toxicity:**

No statements available for any of the ingredients.

##### **Skin corrosion/irritation:**

No statements available for any of the ingredients.

##### **Serious eye damage/irritation:**

Causes serious eye irritation.

##### **Respiratory or skin sensitisation:**

No statements available for any of the ingredients.

##### **Germ cell mutagenicity:**

No statements available for any of the ingredients.

##### **Carcinogenicity:**

This product does not contain known human carcinogens.

##### **Reproductive toxicity:**

No statements available for any of the ingredients.

##### **STOT – single exposure:**

May cause drowsiness or dizziness.

##### **STOT – repeated exposure:**

No statements available for any of the ingredients.

##### **Aspiration hazard:**

No statements available for any of the ingredients.

##### **Likely route(s) of exposure:**

Skin exposure and eye exposure are the most likely to occur. Accidental ingestion is also possible.

### **SECTION 12: ECOLOGICAL INFORMATION**

#### **General information:**

No statements available for any of the ingredients.

#### **12.1 Toxicity**

No statements available for any of the ingredients.

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

##### **Physical- and photochemical elimination:**

No statements available for any of the ingredients.

##### **Biodegradation:**

No statements available for any of the ingredients.

#### **12.3 Bioaccumulative potential**

No statements available for any of the ingredients.

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

##### **Known/Predicted environmental distribution:**

No statements available for any of the ingredients.

##### **Surface tension:**

No statements available for any of the ingredients.

##### **Adsorption/Desorption:**

No statements available for any of the ingredients.

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

This product does not contain components which are considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

#### **12.6 Endocrine Disrupting Properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### **12.7 Other adverse effects**

##### **Additional ecological information**

**Product:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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

##### **Product:**

Dispose of the product in accordance with all applicable local, regional and national laws and regulations. European, International and Member State specific provisions must be considered. Taking into account the relevant (un)known environmental and human health hazards, take all necessary technical and procedural precautions to prevent occupational exposure and release into the environment.

##### **Waste material:**

Dispose according to Federal, State, Provincial and Local regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number

ADR/RID/IDMG/IATA: UN 1133

### 14.2 UN proper shipping name

ADR/RID/IDMG/IATA: ADHESIVES containing flammable liquid (Methyl Ethyl Ketone, Tetrahydrofuran, Cyclohexanone)

### 14.3 Transport hazard class(es)

ADR/RID/IDMG/IATA: 3

### 14.4 Packing group

ADR/RID/IDMG/IATA: III

### 14.5 Environmental hazards

ADR/RID/IDMG/IATA: Non-regulated

### 14.6 Special precautions for user

No statements available.

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

Not applicable, as product is not shipped in bulk.

## SECTION 15: REGULATORY INFORMATION

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

No restrictions applicable, according to appendix XVII of REACH.

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16: OTHER INFORMATION

### Further information

The information presented in this Safety Data Sheet (SDS) is accurate to the best of our knowledge at the date of publication. The information given within the SDS is meant solely as a guide for safe handling, use, transportation, processing, storage, release and disposal. In no means can the information within the SDS be considered as a warranty or specification for quality.