

COSHH DATA SHEET

Product Name: Solvent Weld Cement (PWC250)
Supplier: Gel-clear Ltd, 145 Bolton Road, Darwen, Lancashire, England, BB3 1DF
Contact: 01254 760002 | info@gel-clear.co.uk | www.gel-clear.co.uk

1. IDENTIFICATION OF SUBSTANCE & COMPANY

Product Use: Adhesive for PVC plastic pipe and fittings.
Emergency Contact: NHS 111 (UK)

2. HAZARDS IDENTIFICATION

Classification: Flammable liquid, Eye irritant, Harmful if inhaled.

Hazard Statement:

- Highly flammable liquid and vapour (H225).
- Causes serious eye irritation (H319).
- May cause drowsiness or dizziness (H336).

Precautionary Statements:

- Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- Use only in well-ventilated areas. Avoid breathing vapours.
- Wear protective gloves, clothing, and eye/face protection.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.
- If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Concentration (%)	Classification
Methyl Ethyl Ketone	78-93-3	30-50%	Flammable Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336
Tetrahydrofuran	109-99-9	20-40%	Flammable Liq. 2 H225, Eye Irrit. 2 H319
Cyclohexanone	108-94-1	10-20%	Acute Tox. 4 H302, Skin Irrit. 2 H315
PVC Resin	9002-86-2	10-20%	Not classified

4. FIRST-AID MEASURES

Inhalation: Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash with water. Seek medical attention if irritation occurs.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If irritation persists, seek medical advice.

Ingestion: Do not induce vomiting. Drink water and seek medical attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Foam, dry powder, carbon dioxide (CO2).

Unsuitable Extinguishing Media: Water jet.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Remove all ignition sources. Ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so.

Cleanup Methods: Absorb with inert material and dispose of according to local regulations.

7. HANDLING AND STORAGE

Handling: Keep away from heat and open flames. Use in well-ventilated areas.

Storage: Store in a cool, dry, well-ventilated place. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety goggles.
 - **Hand Protection:** Nitrile gloves.
 - **Respiratory Protection:** Use an approved respirator in poorly ventilated areas.
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid.

Odour: Strong solvent odour.

Solubility: Insoluble in water.

Flash Point: <10°C.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames.

Incompatible Materials: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: May cause irritation to eyes and respiratory system.

Eye Irritation: Causes serious eye irritation.

Skin Irritation: May cause mild irritation.

12. ECOLOGICAL INFORMATION

Toxicity: No data available.

Persistence and Degradability: Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with local regulations. Do not release into the environment.

14. TRANSPORT INFORMATION

UN Number: 1133

Transport Hazard Class: 3 (Flammable Liquid)

Packing Group: II

15. REGULATORY INFORMATION

EU Regulations: Complies with Regulation EC 1272/2008 [EU-GHS/CLP].

16. OTHER INFORMATION

Training Recommendations: Follow product usage instructions.

Additional Notes: This COSHH sheet is provided for compliance purposes.

Date of Issue: March 2025