KSC BOND

Premium Transparent PVC Cement

for Secure and Durable Pipe Connections

SAUDI MADE

Developed and marketed by Khereiji Showrooms Co.

About Khereiji Showrooms Co.

Founded in 1978, Khereiji Showrooms Co. (KSC) has evolved over nearly five decades to become one of the leading suppliers and manufacturers of integrated electrical solutions in the region. Built on a foundation of trust, quality, and innovation. KSC continues to deliver exceptional value to contractors, consultants, and government across the construction and infrastructure sectors.

Driven by a long-term vision and regional leadership, KSC plays a key role in supporting strategic projects not only in Saudi Arabia but across the Gulf Cooperation Council (GCC).
In alignment with Saudi's Vision 2030, KSC is actively working to localize the production of several high-demand electrical products. By investing in local manufacturing and knowledge transfer, we aim to enhance industrial self-reliance, improve lead times, and support the Kingdom's drive toward a diversified and sustainable economy.
As we look ahead, KSC remains committed to innovation, operational excellence, and long-term partnerships that power progress—across the Kingdom and beyond.

KSC BOND

High-Performance Transparent PVC Cement for Secure and Durable Pipe Bonding :

Part No.	Description	Packing Size
KSC-BOND-1	**Transparent PVC Solvent Cement / Glue**	237 ml / Can
KSC-BOND-2	**Transparent PVC Solvent Cement / Glue**	473 ml / Can
KSC-BOND-3	**Transparent PVC Solvent Cement / Glue**	946 ml / Can

SAUDI MADE

Product characteristics:

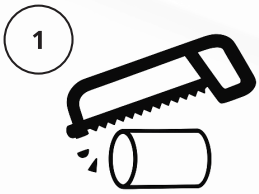
A specially formulated PVC solvent cement for bonding rigid PVC pipe and conduit (Type IV) in Schedule 40 and Schedule 80. Suitable for use in potable water lines, wastewater piping, and gas systems. Recommended application temperature range is 40 °F to 110 °F (4 °C to 43 °C).

Do not use if the product has gelled (thickened or hardened in the container).

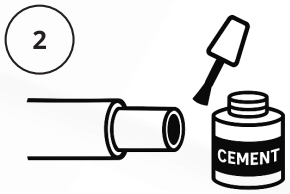
Hazardous ingredients (CAS No.):

Tetrahydrofuran	(109-99-9)
Methyl Ethyl Ketone	(78-93-3)
PVC Resin	(9002-86-2)
Cyclohexanone	(108-94-1)
Acetone	(67-64-1)

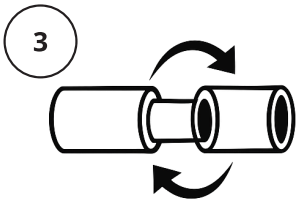
Application instructions:



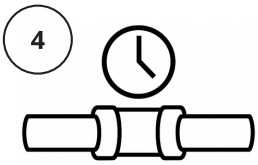
1.Surface Preparation: Cut pipe ends square and remove any burrs or dirt. Ensure that the mating surfaces of pipe and fitting are clean and dry.



2.Cement Application: Stir the cement well before use. Using the applicator brush, apply an even, generous coat of PVC cement to the primed pipe end and a thinner coat to the primed fitting socket. Do not let the cement dry before joining.



3.Joining: Immediately insert the pipe into the fitting socket while cement is wet. Push firmly to the full depth and give a quarter-turn twist (if possible) to evenly distribute cement. Hold the joint together for about 30 seconds to ensure the pipe does not push out. Wipe off any excess cement.

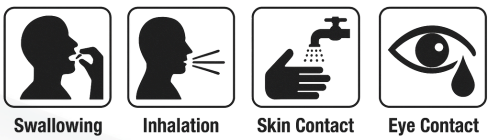


4.Curing: Allow the joint to set without movement. Initial set occurs within a few minutes. For a pressure connection, let the assembly cure for at least 24 hours (longer in cold weather or for large pipe diameters) before applying pressure or putting the system into service.

Warning:

- Highly Flammable. Keep away from heat, sparks, and open flame.
- Use only outdoors or in a well-ventilated area. Avoid breathing vapors – inhalation can cause dizziness or respiratory irritation.
- Avoid contact with eyes or skin. Wear appropriate protective gloves and safety eyewear when handling.
- Do not ingest – harmful or fatal if swallowed.
- Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated place away from direct sunlight and ignition sources.
- Keep out of reach of children.

Emergency and first aid procedure :



- Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, get medical attention.
- Skin Contact: Wash affected skin with soap and water. Remove contaminated clothing. If irritation develops, seek medical advice.
- Inhalation: Move person to fresh air. If breathing is difficult or dizziness occurs, get medical attention.
- Ingestion: Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical attention or call a poison control center.

Identification:

Commercial Name	KSC- Bond PVC Clear Cement
Chemical Family	Solvent Cement/Adhesive
Formula	Contains synthetic polymers, oxygenated solvents, and Additives
Molecular Weight	NA

Ingredients:

Materials	Contain PVC resin, Tetrahydrofuran, MEK & Cyclohexanone

Fire and Explosion Hazard Data:

Flash Point (°C)	<4°C
Extinguishing Media	Use foam, dry chemical powder
Unusual fire explosion Hazard.	None

Physical Data:

Appearance	Flowable Bodied liquid
Freezing Point	Not reported
Specific Gravity (Water=1)	0.88–0.89
Vapor Density (Air=1)	Not reported
Vapor Pressure (mPa)	Not defined
Solubility in Water	Insoluble
Evaporation (Butyl Acetate=1)	5.0-8.0

Hazard Data TLV:

Toxicity	Category 4
Effect of Single Exposure	Harmful, not recommended for long exposure. May cause congestion, labored breathing. Aspiration into lungs in large amounts may cause severe lung damage.
Skin Absorption	Not known
Inhalation	Harmful. High concentration may cause drowsiness.
Skin Contact	Frequent or prolonged contact may irritate the skin
Eye Contact	May injure eye tissues on prolonged contact
Effect of Repeated Exposure	No adverse effects

Spill or Leak Protection:

Steps to be taken if material is released or spilled

1. Eliminate all sources of ignition

2. Call the fire brigade

3. Contain Spilled Liquid with Sand

4. Recover by pumping “explosion proof pump”

5. Collect all contaminated material for disposal

Handling & Storage:

The product should be confined within closed containers; in any case a general (mechanical) ventilation should be sufficient.

Waste Disposal Method:

Incinerate in a special furnace, or if the quantity is small, expose for weathering.

Special Protection Information:

Respiratory Protection	Required
Protection Glove	Neoprene
Eye Protection	Safety Glasses

Special Precautions

- keep away from heat, spark and flame
- Keep away from children
- Store in cold & dry area

Transport Information:

Proper Shipping Name	Adhesives
Hazard Class	3
Secondary Risk	None
Identification Number	UN1133
Packing Group	PG II
Label Required	Class 3 Flammable Liquid
Marine Pollutant	NO
AU Hazchem Code	3YE

Reactivity Data:

Stability	Stable
Condition to Avoid	None
Incompatibility (material to avoid)	Strong oxidizing agents, halogen, molten sulfur
Hazardous Combustion or Decomposition Products	Burning may produce carbon monoxide and/or carbon dioxide
Hazardous Polymerization	Will not occur

Toxicological information:

TOXICITY	LD50 (Oral)	LC50 (Inhalation)	Target Organs
Tetrahydrofuran (THF)	2842 mg/kg (rat)	3 hrs – 21,000 mg/m³ (rat)	STOT SE3
Methyl Ethyl Ketone	2737 mg/kg	8 hrs – 23,500 mg/m³	STOT SE3
Cyclohexanone	1535 mg/kg	4 hrs – 8000 ppm	Not Established

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Established	Not Established	Not Established	Not Established	Not Established	Not Established

Ecological information:

Aquatic Life Toxicity: This product can be harmful or fatal to contaminated aquatic plant or animal life. Especially if released in large quantities in a body of water.

Mobility in soil: If released into the environment, this product can move rapidly through the soil.

Regulatory information:

Precautionary Label Information	Highly flammable, irritant, carc, car. 2
Symbols	F, Xi

Other information:

Specification Information	
Training Necessary	Yes, training in practices and procedures contained in the product literature.
Intended Use of Product	Solvent cement for CPVC plastic pipe.

TECHNICAL DATA SHEET

Product Description:

Mixture of oxygenated solvent and resins for PVC pipes.

Designed use:

It is a clear color, low VOC emission, heavy-bodied, medium setting, high strength PVC solvent cement for PVC pipe.

Packaging:

Single pack provided by (24 Pcs * 237ml (8 fl. oz)).

Handling & Storage:

It must be stored in the original pack in dry, shaded, cool, well-ventilated Space and away from sources of heat and ignition. furthermore, containers must be kept tightly closed and handled with care.

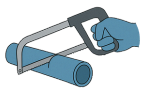
Shelf life:

Preferred using up to 36 months from production date in original tightly closed containers away from direct sunlight, excessive heat, and ignition.

Instructions & usage:

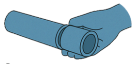
Use the following instructions:

1) Squarely cut the pipe to the desired length.

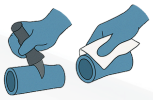


2) Deburr and bevel the pipe.

3) Prepare the pipe and fitting to be joined by removing dirt or moisture.

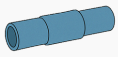


4) Apply the solvent cement to the pipe exterior and fitting interior.



5) Assemble the pipe and fitting.

6) Allow the pipe to cure before testing the system.



Physical Data:

Parameter	Description	Standard Method
Density (@25°C)	0.88 (g/ml) ± 2%	Calculated
Color	Clear	
Solids by Volume	18 %	ISO 3233
Viscosity (@25°C)	Min. 350 cps	Brookfield Viscometer
VOC (g/liter)	< 450 (g/liter)	ASTM D5116
Flash Point	< -20°C	ISO 3679 Method 1

Cautions:

The applicators and operators shall be trained, experienced, and have the capability and equipment. Use according to KSC-Bond technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product.

Health & Safety:

Please observe the precautionary notices displayed on the container. Use under well-ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with a suitable cleanser, soap, and water. Eyes should be well flushed with water and medical attention sought immediately. For any Further Information, refer to the Material Safety Data Sheet (MSDS) before using the product.