



# TECHNICAL DATA SHEET

## *SUPER PVC CEMENT™*

### **SM-244**

### **PVC PIPE ADHESIVE**

(ASTM D2564 & D3138)

#### **PRODUCT**

**DESCRIPTION:** A clear solvent-based, high strength cement for PVC SCH 40, Types I and II, sewer and conduct PVC pipe through 4" in diameter, and PVC SCH 80 through 1 1/2" diameter. Approved for use in potable water and DWW systems. Also available in gray.

**BASIC USES:** For consistently making strong leak-free joints between PVC pipes.

#### **PRODUCT**

**ADVANTAGES:**

- \* Waterproof
- \* Much stronger bond
- \* Easy to use
- \* Resists temperatures over 180°F (82°C)
- \* Flexible
- \* Quick uniform drying
- \* Faster to use
- \* Good low temperature resistance

### **TECHNICAL DATA**

**Percent Solids:** 10.01 ± 1% by weight  
6.36 ± 1% by volume

**Viscosity:** 125-150 cps

**Weight / Gallon:** 7.40 ± 0.5 lbs.

**Flash Point:** < 20°F TCC

**Specific Gravity:** 0.8884

**Color:** Transparent

**Sizes:** 55 gallons  
1 gallon  
1 quart  
1 pint  
8 ounces  
4 ounces

**Drying Time:** To set: 30 seconds  
To cure: 24 hours

**Thinning:** Do not thin.

**Surface Preparation:** All surfaces must be clean and free of contaminants such as dirt, grease, oil and moisture.

**Directions:** Cut pipe square and remove all burrs. With a clean dry rag, clean fitting socket and pipe of all dirt, moisture or grease.

- (1) Check dry fit of pipe and fitting. Pipe should go into fitting easily 1/4" to 3/4" of the way without forcing.
- (2) Remove glossy surfaces with cleaner/primer or by sanding just before cementing.
- (3) Apply an even very liberal layer of *LANCO® Super PVC Cement™ SM-244* to pipe. Coat fitting socket with liberal layer, but avoid puddling.
- (4) Apply a second generous coat of *LANCO® Super PVC Cement™ SM-244* on pipe — more than enough to fill any gaps.
- (5) Assemble without delay while cement is still wet. If work is interrupted, recoat parts and assemble. As you insert, twist pipe 1/4 turn. Hold about thirty seconds to avoid push out.
- (6) Allow about fifteen minutes for good handling strength. Cure time before testing depends on size, fit, temperature

and pressure. A 24-hour cure will cover sizes through four inches between 40°F (5°C) at a pressure of up to 370 psi. For particular situations, hours or even minutes may be sufficient. When temperature is below 40°F (5°C), longer periods are necessary.

**Warning:** Contains tetrahydrofuran, methyl ethyl ketone (M.E.K.) and cyclohexanone. **Extremely flammable, harmful or fatal if swallowed.**

**Caution:** Do not take internally. Close container after each use. Keep out of the reach of children. Use only with adequate ventilation.

**Notice:** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

**M.S.D.S.:** Available upon request.