

## PL 300 Foamboard Adhesive

### Product Description

PL300<sup>®</sup> Foamboard Adhesive is a premium-grade formulation for bonding foam board insulation to a variety of surfaces, interior or exterior. It is compatible with all other foam board insulation products. PL300 is a rubber-based solvent-dispersed adhesive especially designed for bonding polystyrene foam to itself or to a variety of construction materials, including, but not limited to: wood, gypsum board, concrete, brick and metal.

### Use

PL300 adheres positively to all types of surfaces: wood, fiberglass panels, concrete, brick, metal and drywall. It can also be applied to fresh asphaltic foundation coatings. PL300 can be applied over old asphalt waterproofing or damp-proofing foundations if the asphalt is first treated with mineral spirits. Permanently joins foamboard to the substrate without compromising the insulation value of the foam.

### Advantages

- Provides fast, easy, economical installation
- May be applied at temperatures as low as 10°F
- Will not burn foam at temperatures up to 100°F
- Remains flexible after curing
- Excellent for low temperature installation, e.g. cooler rooms and freezers
- No special storage required
- Superior initial bonding strength on light-weight construction materials, such as foam sheathing
- High solids – minimum shrinkage

### Installation

To assure positive adhesion, make certain that all surfaces are clean, dry and free of oil, grease and loose materials. For more professional results, prefit and precut foam before applying adhesive. Mechanical fasteners must be used and kept in place until adhesive is fully cured. Cure time will depend on the porosity of the material used and ambient temperature. For all interior applications in occupied structures, follow the ventilation details outlined in "DANGER" section.

Cut spout and puncture seal inside spout. Apply a 3/8" bead of adhesive around the entire panel, plus the "cutouts" you have made, then space beads in a

straight line or a series of "X" patterns, approximately 12" apart. Position panel, align and press firmly into place. It is recommended that mechanical fasteners be used to brace panels for 24 hours.

### Clean Up

Cleanup should be performed at the end of each day using mineral spirits according to solvent manufacturers directions. Clean tools in a well-ventilated area, away from sparks and open flame.

### Limitations

- Do not use at temperatures lower than 10°F or above 120°F
- Not recommended for polystyrene tub surrounds
- When surface temperatures are expected to exceed 90°F, it is highly recommended to "flash" the adhesive during application

### Specifications

Meets or exceeds ASTM C-557 and conforms to HUD requirements.

#### PHYSICAL PROPERTIES

<b>Type:</b>	Rubber/ Resin
<b>Form:</b>	Non-sag mastic
<b>Appearance/Color:</b>	Light Blue
<b>Solubility (in water):</b>	Insoluble
<b>Freeze-thaw:</b>	Will not freeze
<b>Specific Gravity:</b>	1.366
<b>VOC</b>	280 g/l
<b>Volatile, Weight:</b>	Approx. 20%
<b>Working Time:</b>	20 minutes
<b>Initial Set:</b>	24 hours
<b>Full Cure:</b>	1 week (7 days)
<b>Application Temp.:</b>	10° F - 100° F
<b>Service Temp.:</b>	-0° F - 200° F

## PL 300 Foamboard Adhesive

### Packaging

10.2 oz (301 ml) cartridges, 12 pack, 13#  
28 oz (828 ml) cartridges, 12 pack, 32#

### Coverage

10.2 oz, 3/8" bead: Approx. 14 lin.ft./cartridge  
28 oz, 3/8" bead: Approx. 38 lin.ft./cartridge

### Shelf Life

12 months from date of manufacture, unopened.

### Danger!

EXTREMELY FLAMMABLE. Contains Hydrotreated Naphtha. Keep away from heat, sparks and flame. Vapors may ignite explosively. DO NOT smoke. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use AND until ALL vapors are gone. Prevent build-up of vapor by opening all windows and doors to achieve cross-ventilation. May cause eye, skin and respiratory irritation. May cause central nervous system effects including dizziness, headache or nausea. Avoid contact with skin, eyes and clothing. Avoid breathing vapors.

### KEEP OUT OF REACH OF CHILDREN

### Warning

Contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

### First Aid

In case of skin contact, wash off quickly with plenty of water, then soap and water. If in eyes, flush thoroughly with plenty of water for 15 minutes, seek medical attention. If swallowed, seek immediate medical attention. If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, seek immediate medical attention.

For additional information, please refer to the MSDS. For medical emergency, call Chemtrec at (800) 424-9300.

### Notice

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. Wash thoroughly after handling. INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

### Notice to Purchaser

OSI Sealants Inc. warrants the quality of this product when used according to directions. User shall determine suitability of product for use and assumes all risk. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE NOT EXPRESSLY SET FORTH HEREIN. If not satisfied with the product's performance when used as directed, return sales receipt and used container to OSI Sealants Inc., 7405 Production Drive, Mentor, Ohio 44060 for product replacement. The seller will not accept liability for more than product replacement.

For commercial use contact PL Technical Department at (800) 624-7767 or (440) 255-8900 or visit our website at [www.stickwithPL.com](http://www.stickwithPL.com).

### PL Adhesives & Sealants

An OSI Sealants Brand  
Sovereign Specialty Chemicals  
Construction Division  
7405 Production Drive  
Mentor, Ohio 44060

Phone: (800) 624-7767  
(440) 255-8900  
Fax: (440) 974-8358

[www.stickwithpl.com](http://www.stickwithpl.com)

sP20003  
Updated 10/16/2003