



# TECHNICAL DATA SHEET

## SC-1508 Bodied Styrene Cement

FOR CEMENTING		ADVANTAGES	
Polystyrene (General Purpose High Impact)		<ul style="list-style-type: none"><li>• Material flexibility or rigidity</li><li>• Industrial strength</li><li>• Medium Setting Time</li></ul>	
SETTING TIME	2-5 minutes	VISCOSITY	Light-Bodied

### GENERAL DESCRIPTION

Caseway SC-1508 is a clear cement specially formulated for bonding polystyrene to itself. Its light-bodied characteristics allow for longer working time and small gap filling ability. SC-1508 will develop a strong bond within minutes and can be applied quickly by syringe, dropper, brush, or polyethylene squeeze bottle. Used for various applications such as sign, displays, models, small parts, large parts, and more. Materials bonded with SC-1508 will generally have the same rigidity or flexibility as prior to cementing. Typical setting time is 2-5 minutes, but may be longer depending on joint type, temperature, and humidity.

### DIRECTIONS FOR USE

**Preparation:** The surfaces to be joined should be clean and fit accurately without forcing. Edges to be cemented should not be polished since polishing usually rounds corners and creates crazing.

**Application:** Apply SC-1508 using a syringe, dropper, brush, or polyethylene squeeze bottle. Press parts firmly together with a pressure of 1-10 psi. Uneven pressure may cause weak joint strength. Assemble the parts while they are still wet. If cement is applied to one surface, let the two surfaces be in contact for a few seconds to allow the cement to soften the other surface, and press parts together. If applied to both surfaces, the parts must be brought together immediately.

**Jigs:** The success of a cementing job often depends on the design of the jig(s). The jig should keep the two parts firmly together, but should not force them out of shape. If the part is flexed or forced out of shape, local areas will be stressed and may cause crazing when brought in contact with the cement. The pressure should be great enough to:

- Squeeze all air bubbles from the joint.
- Avoid stress concentrated at any one point, and
- Compensate for the shrinkage that takes place in the joint during setting or hardening.

For most joints, a uniform pressure of approximately 1-10 psi has been found satisfactory.

**Cure:** Handling time will be dependent upon the material size, and bonding conditions. A strong bond will form within hours. Large areas are more difficult to bond without bubbles and may require 8 or more hours to dry. Typical joints will reach 50 – 80% strength within 24 hours and continue to increase overtime.

\*It is the responsibility of the user to test the material compatibility and method used to apply this product before actual application.

### AVAILABILITY

Available in ¼ pint (4 fl oz), pint (16 fl oz), quart (32 fl oz), gallon (128 fl oz), 5-gallon, (640 fl oz), and 55 gallon drum.

**STORAGE**

SC-1508 Solvent Cement will evaporate over time. Tightly cap and seal the container as best as possible. Store in the original containers in a cool, dark area away from hot surfaces, heat, sparks, flames and other sources of ignition. Store locked up in an area not accessible to children.

**SAFETY**

This product is flammable and considered a hazardous material. Do not handle until all safety precautions have been read and understood. Read the product label & safety data sheet (SDS) for information on proper handling, health risks, firefighting methods, spill procedures, emergency contact information, precautionary information, disposal information & more. Safety data sheets are available at [www.casewayproducts.com](http://www.casewayproducts.com) or by emailing [support@casewayproducts.com](mailto:support@casewayproducts.com)

Wear protective gloves, protective clothing, eye protection, face protection. This product should never be used in a poorly ventilated (confined) area and without a suitable respiratory mask. This product is intended for use by experienced individuals only.

\* The information, suggestions, technical data, and advice provided on this sheet are based on test results, knowledge, and experience believed to be accurate and reliable. However, all information, suggestions, technical data, and advice are not to be considered a warranty and Caseway Industrial Products, Inc. assumes no liability for any direct, indirect punitive, incidental, special consequential damages, to property or life.