



## TECHNICAL DATA SHEET

### SC-200 Rigid Vinyl & PETG Solvent Cement

FOR CEMENTING		ADVANTAGES	
Rigid Vinyl (All Grades)  Dissimilar Materials: <ul style="list-style-type: none"><li>• ABS</li><li>• Kydex®</li><li>• PVC</li><li>• PETG</li><li>• Sintra®</li><li>• Expanded PVC</li></ul>		<ul style="list-style-type: none"><li>• No Left-Over Residue</li><li>• Industrial Strength</li><li>• High Joint Strength</li><li>• Fast Setting Time</li></ul>	
SETTING TIME	2 minutes	VISCOSITY	Water-Thin

### GENERAL DESCRIPTION

Caseway SC-200 Solvent Cement is specially formulated for bonding rigid vinyl to itself and other plastics such as PETG, ABS, PVC, Expanded PVC, Kydex®, and Sintra®. Recommended when fast setup time is required, it will develop a strong bond within minutes and can be applied quickly with a solvent syringe, dropper, brush, or by using the soak-method. SC-200 is used for a wide range of applications from bonding large sheets to small decorative items. After assembly the solvent evaporates completely leaving no residue. Typical setting time is 2 minutes, but may be longer depending on temperature and humidity.

### DIRECTIONS FOR USE

**Preparation:** The surfaces to be joined should be clean and fit accurately without forcing. The surfaces to be cemented may be left as cast, sanded (either wet or by hand), scraped, or machined. Edges to be cemented should not be polished since polishing usually rounds corners and creates crazing.

**Application:** Apply SC-200 using a syringe, dropper, or brush. Press parts firmly together with a pressure of 4-10 psi. Uneven pressure may cause weak joint strength.

**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 4-10 /psi has been found satisfactory.

**Cure:** Joints are usually cured for light handling in 2 minutes. A strong bond will form within hours. Large areas or parts with a load requirement may require a few 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-200 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.