



# WELD-ON

# WELD-ON 1909

FAST DRYING  
HIGH-STRENGTH FLEXIBLE CEMENT

### SUBSTRATE RECOMMENDATIONS

Flexible or rigid vinyl to itself or a variety of other plastics and non-plastics.

### BONDING RECOMMENDATIONS

This high strength cement is being used for bonding flexible vinyl to itself, flexible vinyl to rigid vinyl, ABS, acrylic, wood, leather, canvas and other porous materials. It is also being used to repair vinyl seats in buses, patch vinyl waterbeds, etc.

### GENERAL DESCRIPTION

WELD-ON 1909 is a clear, medium bodied, high strength solvent cement. It cures rapidly with the dissipation of the solvent at room temperature resulting in a very strong, flexible, water resistant bond. Indications are that service life for a number of years may be expected under normal use, but some yellowing may be expected.

SUBSTRATE MATERIAL	<u>2 Hours</u>	<u>24 Hours</u>	<u>1 Week</u>
PVC	280 PSI	500 PSI	700 PSI
ABS	130	450	800

### ADHESIVE PROPERTIES AND CHARACTERISTICS

COLOR:	Clear		
VISCOSITY:	500 cps		
WORKING TIME:	10 – 15 minutes		
FIXTURE TIME:	20 – 25 minutes		
80% STRENGTH:	72 hours		
SPECIFIC GRAVITY:	.903 ± .040		
COVERAGE:	10mil:	32 sq. ft/Pint	260 sq. ft/gallon
	20mil:	16 sq. ft/pint	130 sq. ft/gallon

### DIRECTIONS FOR USE

- Clean surfaces to be joined.
- Coat each mating surface. WELD-ON 1909 may be applied with brush, syringe, gun, etc.
- Press parts together immediately and hold a few seconds until “grab” begins - or for quicker initial set: coat each surface and wait 10 to 20 seconds, then press firmly together.
- If not possible to coat both surfaces, give generous coat to one and press gently to other to wet it. Then apply nominal pressure.
- Good strength will develop in a few minutes with some materials. Bond strength will be considerable in a few hours and will reach high strength in 24 to 48 hours. Thereafter, strength will continue to increase gradually for some weeks.

### SHELF LIFE

Three years expectancy in tightly sealed containers. Stability of the product is limited by the permanence of the container and the evaporation of the solvent when container is open. Evaporation of solvent will cause the cement to thicken and reduce the effectiveness of the cement.

## SHIPPING

**Shipping Information for Individual Containers Larger than One Liter:** DOT Shipping Name: Adhesive. DOT Hazard Class: 3. ID #: UN1133. Packaging Group: II. Label: Flammable Liquid.

**Shipping Information for Less than One Liter:** DOT Shipping Name: Consumer Commodity. DOT Shipping Class: ORM-D.

## SAFETY AND ENVIRONMENTAL PRECAUTIONS

This product is a flammable, fast evaporating, solvent. It is considered a hazardous material. In conformance with the Federal Hazardous Substances Labeling Act, the following hazards and precautions are given. Purchasers who may repackage this product must also conform to all local, state and federal labeling, safety and other regulations.

### **DANGER - EXTREMELY FLAMMABLE - VAPOR HARMFUL - MAY BE HARMFUL IF SWALLOWED - MAY IRRITATE SKIN OR EYES**

Keep out of reach of children. Do not take internally. Keep away from heat, spark, open flame and other sources of ignition. Keep container closed when not in use. Store in the shade between 40°F and 80°F. Use only with adequate ventilation. Avoid breathing of vapors. Atmospheric levels should be maintained below established exposure limit values contained in Section II and VIII of the Material Safety Data Sheet. If airborne concentrations exceed those limits, use of a NIOSH-approved organic vapor cartridge respirator with full face-piece is recommended. The effectiveness of an air-purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where short-term exposure guidelines may be exceeded, use an approved positive pressure self-contained breathing apparatus. Do not smoke, eat or drink while working with this product. Avoid contact with skin, eyes and clothing. May cause eye injury. Protective equipment such as gloves, safety goggles and impervious apron should be used. Carefully read Material Safety Data Sheets and follow all precautions. Contains Tetrahydrofuran (109-99-9), Methyl Ethyl Ketone (78-93-3) and Cyclohexanone (108-94-1). Do not use this product for other than intended use.

"Title III Section 313 Supplier Notification": This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material. must be included in all MSDS's that are copied and distributed for this material.

## FIRST AID

**Inhalation:** If ill effects from inhalation, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call physician.

**Eye Contact or Skin Contact:** Flush with plenty of water for 15 minutes and call a physician. If irritation develops, get medical attention.

**Ingestion:** If swallowed give 1 to 2 glasses of water or milk. Do not induce vomiting. Contact physician immediately.

## QUALITY ASSURANCE

Every batch of this product is checked to assure that consistent quality is maintained. An infrared absorption curve is recorded for each batch to ensure that this product was properly formulated. Samples are taken from all batches and kept for a period of at least one year. A batch identification code is stamped on each can.

## IMPORTANT NOTE

This product is intended for use by skilled individuals at their own risk. These suggestions and data are based on information we believe to be reliable. Installers should verify for themselves that they can make satisfactory joints under varying conditions. Toward this end, it is highly desirable that they receive personal instruction from trained instructors or competent, experienced installers. Contact us or your supplier for additional information or instruction.