



PRODUCT BULLETIN – SPECIFICATIONS

Low VOC Emissions WELD-ON 2800

GENERAL DESCRIPTION:

Weld-On 2800 is a clear, reduced VOC emissions, non-toxic (vapor), non-flammable, medium bodied, slow setting PVC cement for all classes through 6" diameter interference fits, and Schedule 80 through 3" diameter.

APPLICATION:

Weld-On 2800 is for use on all types of PVC plastic pipe applications, Type I & Type II. It is approved for use with potable water pressure systems, irrigation, turf irrigation, gas conduit, industrial pipe applications, sewer and drain water and vent systems.

Detailed directions on making solvent cement joints are printed on the container label. An installation video covering solvent cementing of PVC is also available. It not only describes the basic principles of solvent cementing, but also covers the handling, storage and use of our products. It is highly recommended that the installer review the instructions supplied by the pipe and fitting manufacturer.

AVAILABILITY:

This product is available in 1 /4 pint, 1 /2 pint, 1 pint, 1 quart and 1 gallon cans. For detailed information on containers and applicators, see our current Price List.

SPECIAL FEATURES:

This product emits less than 1/4 the fumes of normal cements. The fumes and solvents are non-toxic, resulting in little risk when used in crawl spaces, ditches, indoors, etc. (no breathing apparatus is required). Weld-On 2800 is non-flammable; most cements have a flash point of about 8°F, whereas Weld-On 2800 will not ignite at 190°F. Therefore, it can be shipped UPS without extra charges and may be stored safely without the same fire protection requirements of other cements. This product requires no primer and the solvents in it are biodegradable. Weld-On 2800 is listed by NSF International for use in potable water systems and it meets SCAQMD Rule 1168.

SPECIFICATIONS:

Weld-On 2800 conforms to these requirements:

VOC:	(As manufactured) 920 G/L
MAX VOC EMISSIONS:	450 G/L, Per SCAQMD Rule 1168, Method 316A
COLOR:	Clear
RESIN:	Must be virgin PVC
BROOKFIELD VISCOSITY:	400-900 CPS (Centipoises at 73±2°F)
WET FILM THICKNESS:	Minimum 12 - 16 mil
(Nordson wet film thickness gauge)	

SHELF LIFE:

2 years expectancy in tightly sealed containers. The date of manufacture is stamped on the bottom of the container.

SHIPPING:

DOT Hazard Class: 3. DOT Shipping Name: Solvent Cements N.O.S. Identification Number: NA 1993.

Packaging Group: III. Label Required: None.

SAFETY PRECAUTIONS:

Keep out of reach of children. Do not take internally. Avoid contact with skin and eyes. Glove latex Inc. type Y18 glove or disposable polyethylene glove are recommended to prevent skin irritation. May cause eye injury. In case of eye or skin contact, flush with plenty of water for 15 minutes. If irritation persists, get medical attention. If swallowed, give 2 glasses of water. Do not induce vomiting. Contact physician immediately. Keep container closed when not in use. Contains N-Methyl Pyrrolidone (872-50-4) and PVC Resin (9002-86-2).

SPECIAL PRECAUTION:

Do not use a dry granular calcium hypochlorite as a disinfecting material for water purification in potable water piping systems. The introduction of granules or pellets of calcium hypochlorite with PVC solvent cements and primers (including their vapors) may result in a violent chemical reaction if a water solution is not used. It is advisable to purify lines by pumping chlorinated water into the piping system, this solution will be non-volatile. Furthermore, dry granular calcium hypochlorite should not be stored or used near solvent cements and primers.

QUALITY ASSURANCE:

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

IMPORTANT NOTE:

This cement will consistently make strong leak free joints if properly used with correct materials. 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 installers. Contact us or your local IPS supplier for additional information and assistance.