

228 Low VOC Flowguard Green One-Step CPVC Cement

General Description:

E-Z Weld's 228 Low VOC Flowguard Green CPVC Cement is a medium bodied, fast-set CPVC solvent cement. It is formulated for use with copper tube size (CTS) CPVC hot and cold potable water pipe and fittings up to 2" (63 mm) diameter.

Application:

This cement is good for joining CPVC pipes and fittings up to 2" (63 mm) diameter interference fit for pressure applications. This cement is approved for hot (up to 180°F/82°C) and cold water pressure systems. Approved by Lubrizol Corporation for use on FlowGuard Gold® systems. One Step Medium Body, CPVC cement to be used without primer if local codes permit. Never add thinner or additive. Never use the cement if it is stringy, lumpy or jelly like.

Always follow instructions on the label.

Application temperature: 32°F to 110°F (0°C to 43°C).

Storage temperature: 45°F to 110°F (7°C to 43°C).

Certification:



This product is tested, certified and listed by NSF International for use on drain, waste and potable water systems. It is also listed by the International Association of Plumbing & Mechanical Officials (IAPMO) as well as with ICC-ES. This cement meets ASTM Standard F493 and D2846.

Quality Assurance:

Every batch of cement is carefully checked and monitored to assure consistently high quality standards. Records of every batch are kept. All ingredients are purchased from approved suppliers. This cement has passed the following test (performed in accordance with ASTM Std. F493)

Hydrostatic Burst:

- 400 psi (2.76 Mpa) after 2-hour cure time at 73°F (23°C)
- 200 psi (1.38 Mpa) after 2-hour cure time at 180°F (82°C)



Physical Properties:

Color: Green

Body: Medium Bodied

Set: Fast

Specific Gravity: 0.981

Shelf life: 3 years (Unopened can)

LOW VOC (VOLITILE ORGANIC COMPOUND)

Maximum VOC per SCAQMD 1168/316A: 490 g/l

Availability:

Size	Part No. Regular	(UPC No.)
2 oz	EZ22806	812574012460
1/4pt	EZ22801	892996002911
1/2pt	EZ22802	892996002928
Pt	EZ22803	892996002935
Qt	EZ22804	892996002942
Gal	EZ22805	812574014044

¼ pt., ½ pt., Pt. And Qt. cans are supplied with dauber inside cap.

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Packaging:

Size	2 oz.	¼ Pt	½ Pt	Pt	Qt	Gal
Fluid oz	2	4	8	16	32	128
Liters	0.06	0.12	0.24	0.47	0.95	3.78
Units per case	48	24	24	12	12	6
Weight per case - Lb.	10	9.5	16	15.5	28	54
Weight per case - Kg	4.55	4.32	7.27	7.05	12.73	24.55
Cubic feet per case	0.328	0.260	0.420	0.404	0.762	1.221
Cubic meter per case	0.009	0.007	0.012	0.011	0.022	0.035
Cases per pallet	100	145	90	88	56	27

Safety Precautions:

Ensure adequate ventilation to avoid vapor build up which may cause flash fire. Vapor build up may also cause dizziness, headaches or eye watering. If symptoms are experienced use respiratory protection (NOISH/MSHA TC-23C or equivalent) or leave area and provide more fresh air. Avoid contact with eyes, skin and clothing by use of safety glasses and gloves. Professionals should consult ASTM Standard F402-18 Standard Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings. Professional users should also read the Safety Data Sheet for the product.

Inhalation: If breathing is difficult vacate to fresh air. If breathing problems persist seek immediate medical attention.

Eyes: Flush eyes thoroughly with water for 15 minutes. Get immediate medical attention.

Internal: If swallowed give 1 or 2 glasses of water immediately, call physician, hospital or poison control immediately. **DO NOT INDUCE VOMITING.**

Shipping / Transportation:

Material packaged in less than a liter size is exempted under "Limited Quantity Rules" by DOT. These packages may be shipped with the description ORM - D Consumer Commodity. Packages shipped under this description are not subject to shipping paper requirements for flammable materials.

For a liter and larger sizes (gallon and above container):

Proper Shipping Name: Adhesive

Flammable Class: 3

UN No: UN 1133

Packing Group: PG II

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