

HEAVY DUTY GRAY PVC CEMENT



IAPMO Listed



NSF Standard 61
for PW, DWV and
Sewer Waste

DESCRIPTION:

- Heavy-bodied grey cement for use on all schedules and classes PVC pipe and fitting up to 12" diameter with interference fit, up to 18" for non-pressure.
- Lo-V.O.C. Solvent Cement meets California South Coast Air Quality Management District (SCAQMD) 1168/316A or BAAQMD Method 40 and various environmental requirements.
- Thick formula fills gaps in large diameter pipe and loose fitting joints.
- Recommended for potable water, pressure pipe, conduit and DWV.
- Recommended application temperature 4°C to 43°C.
- Meets ASTM D2564.

INGREDIENTS (CAS Number)

Acetone (67-64-1)
Amorphous Silica (112945-52-5)
Cyclohexanone (108-94-4)
Methyl Ethyl Ketone (78-93-3)
PVC Resin (9002-86-2)
Tetrahydrofuran (109-99-9)
Maximum VOC per SCAQMD 1168/316A or BAAQMD
Method 40: 510 g/L

MSDS Number: 1102E

CHEMICAL PROPERTIES

Appearance - Gray Liquid
Viscosity - Min. 1600 cps @22° C ± -16° C
Shelf Life - 3 Years from Mfg. Date

PHYSICAL PROPERTIES

Lap Shear Strength - (min. per ASTM Standards)
2 hours - 250 psi
16 hours - 500 psi
72 hours - 900 psi

Set Up Time

-1.1° C to 10° C: 4 – 5 minutes
10° C to 21.1° C: 3 – 4 minutes
21.1° C to 32.2° C: 1 – 2 minutes

PRODUCT NUMBER	SIZE	PACK	CARTON WEIGHT
31095	473 ml	24	12.24 kg
311105	946 ml	12	13.15 kg

DIRECTIONS FOR USE

Store and use at temperatures between 4.44°C and 43.3°C. At temperatures outside of this range, special care must be taken to prepare good joints and prevent exposure to solvents. Stir or shake before using; if jelly-like, don't use. Do not thin.

1. Cut pipe ends square, chamfer and clean pipe ends.
2. Check dry fit of pipe and fitting. Pipe should easily go 1/3 of the way into the fitting. If pipe bottoms, it should be snug.
3. Use a suitable applicator at least 1/2 the size of the pipe diameter. For larger size pipe systems use a natural bristle brush or roller.
4. Clean pipe and fitting with a listed primer.
5. Apply liberal coat of cement to pipe to the depth of the socket, leave no uncoated surface.
6. Apply a thin coat of cement to inside of fitting, avoid puddling of cement. Puddling can cause weakening and premature failure of pipe or fitting. Apply a second coat of cement to the pipe.
7. Assemble parts QUICKLY. Cement must be fluid. If cement surface has dried, re-coat both parts.
8. Push pipe FULLY into fitting using a ¼ turning motion until pipe bottoms.
9. Hold pipe and fitting together for 30 seconds to prevent pipe push-out - longer at low temperatures. Wipe off excess.
10. Allow 15 minutes for good handling strength and 2 hours cure time at temperatures above 15.55°C before pressure testing up to 180 psi. Longer cure times may be required at temperatures below 15.55°C or with pipe above 3".

DO NOT TEST WITH AIR.

PRECAUTIONS

Read all information carefully before using this product.

DANGER!: CAUSES SERIOUS EYE IRRITATION. HARMFUL IF INHALED. MAY CAUSE DROWSINESS OR DIZZINESS. MAY CAUSE RESPIRATORY IRRITATION. REPEATED EXPOSURE MAY CAUSE SKIN DRYNESS OR CRACKING. Long term overexposure to solvents may cause damage to the brain, nervous system, reproductive system, respiratory system, mucous membranes, liver and kidneys. Contains a chemical classified by the US EPA as a suspected possible carcinogen. KEEP OUT OF REACH OF CHILDREN.

Avoid breathing vapors. Use only outdoors or in a well-ventilated area. Use explosion-proof electrical/ventilating equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear a NIOSH- approved respirator for organic solvents. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Vapors may accumulate in low places and may ignite explosively. Keep container tightly closed and cool. Wear protective gloves and eye protection. Wash thoroughly after handling. Do not eat or drink while using this product.

FIRST AID

IF SWALLOWED: Immediately call a POISON CENTER/doctor. **Do NOT induce vomiting.** Rinse mouth. This product may be aspirated into the lungs and cause chemical pneumonitis, a potentially fatal condition.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

IF ON SKIN: Rinse skin with water/shower. Take off immediately all contaminated clothing.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell. If medical advice is needed, have product container or label at hand.

FIRE: Use dry chemical, foam, or carbon dioxide extinguisher. Water spray may be applied to reduce potential vapors or for cooling. Burning liquid extinguished with water will float and may re-ignite on surface of water.

SPILLS: Remove all sources of ignition and ventilate area. Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapor concentrations are high. Soak up spill with absorbent material. Put absorbent material in covered, labeled metal containers. Dispose of contents/ container in accordance with local regulations. Store in a well-ventilated space. Store locked up.