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HEAVY DUTY GREY PVC SOLVENT CEMENT

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TECHNICAL SPECIFICATION: Oatey Heavy Duty Grey PVC Solvent Cement is recommended for solvent welding all classes and schedules of PVC pipe and fittings up to 30 cm (12") with interference fit. Heavy Duty Grey PVC Solvent Cement can be used for potable water, sewer and drain, waste and vent systems. This product is compliant with California South Coast Air Quality Management District (SCAQMD) Rule 1168 and Ozone Transport Commission (OTC) regulations for Volatile Organic Compound emission levels. **Note: This product is not for use in a system using or being tested by compressed air or gases.**



INGREDIENTS (CAS Number)

Tetrahydrofuran (109-99-9)
PVC Resin (9002-86-2)
Cyclohexanone (108-94-4)
Acetone (67-64-1)
Methyl Ethyl Ketone (78-93-3)
Amorphous Silica (112945-52-5)
Grey Colorant (N/A)

LISTINGS



CSA Listed PVC Solvent Cement for PVC Pressure and Non-Pressure Applications

Meets ASTM Standard D 2564

PHYSICAL/CHEMICAL PROPERTIES

Appearance Grey Liquid
Viscosity min. 1600 cps @ 23° C ± -16° C
Density 0.944 ± 0.024 g/mL
Lap Shear Strength (minimum per ASTM Standard)
 2 hours 250 psi
 16 hours 500 psi
 72 hours 900 psi
Set Up Time
 -1° C to 10° C 4 – 5 minutes
 10° C to 21° C 2 – 3 minutes
 21° C to 32° C 1 – 2 minutes
Shelf Life 3 years from manufacture date

Maximum VOC per SCAQMD 1168/316A or BAAQMD
Method 40: 510 g/L

PRODUCT NUMBER	SIZE	PACK	CARTON WEIGHT (lbs.)
31510	118 mL	24	9
31511	236 mL	24	15
31512	473 mL	24	31
31513	946 mL	12	29
31514	3.78 L	6	54

DIRECTIONS FOR USE

Store below 43°C and stir before use. Keep container closed when not in use. Replace if jellied. Use only on Plastic PVC up to 30 cm (12"). Do not thin. **1.** Square pipe ends. **2.** Check dry fit of pipe and fitting. Pipe should go easily 1/3 of the way in. If pipe bottoms, it should be snug. **3.** Ensure applicator is at least 1/2 the size of pipe diameter, for larger sizes use brush or roller. **4.** Clean pipe and fitting with a listed primer. **5.** Apply a thin coat of cement to fitting, avoid pudding. Cover entire socket surface. **6.** Apply liberal coat of cement to pipe to the depth of the socket, leave no void. **7.** Assemble parts QUICKLY! CEMENT MUST BE FLUID – if not, recoat both parts. **8.** Push pipe FULLY into fitting using a 1/4 turning motion until pipe bottoms. **9.** Hold pipe and fitting together for 30 seconds – Wipe off excess. Joints should not be disturbed until they have cured sufficiently to withstand handling. **10.** Do not pressure test until cement is fully cured. DO NOT TEST WITH AIR. Clean tools with Oatey Cleaner. VOC per SCAQMD: 510 g/L maximum. Meets ASTM D 2564.

This product is not for use with caustic or acidic chemical solutions. Consult Oatey Technical Department for more information.

PRECAUTIONS

Read all information carefully before using this product.

DANGER: FLAMMABLE. POISON. IRRITANT. CONTENTS MAY CATCH FIRE. CONTENTS MAY BE HARMFUL. MAY IRRITATE EYES AND SKIN. Do not smoke. Do not swallow. Do not get in eyes or on skin or clothing. Do not breathe fumes. **Keep out of the reach of children.** Use only in a well ventilated area. Wear a NIOSH-approved respirator, impervious gloves and safety glasses. Keep away from flames, such as a pilot light and any object that sparks, such as an electric motor.

FIRST AID TREATMENT:

CONTAINS: Tetrahydrofuran, PVC Resin, Cyclohexanone, Acetone, Methyl Ethyl Ketone, Amorphous Silica.

If swallowed, call Poison Control Centre or doctor immediately. If person is alert, do not induce vomiting. Drink water and call a doctor or poison control center immediately. If in eyes or on skin rinse with water for at least 15 minutes. If on clothes, remove clothes. If breathed in, move person into fresh air. **FOR EMERGENCY FIRST AID INSTRUCTIONS CALL 1-877-740-5015.**

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 in accordance with local regulations.

A fire or explosion may result if dry granular calcium hypochlorite is used to disinfect plastic piping systems and is exposed to organic vapors found in solvent cements, cleaners or primers. Do not disinfect piping system with dry granules. Do not store dry granular calcium hypochlorite near solvent cements, cleaners or primers. DO NOT REUSE EMPTY CONTAINER.

Refer to material safety data sheet for more information.

Before purchase and use of a product, review the product application and be certain the product, installation and use will be in compliance with any applicable codes and regulations.