

PRODUCT DESCRIPTION

SAAF PVC Pipe Tite is a non-toxic, PVC based, heavy bodied, medium setting, high strength, cement dissolved in strong solvents solution specially formulated for all PVC pipes applications such as potable water, drain, waste, vent & sewers.

FEATURES AND BENEFITS

- NSF Certified (ANSI Standard 14, 372)
- Easily applied by brush
- Specially developed for all types of PVC pipes
- Suitable for drinking water pipes
- Excellent resistance to chemicals
- Needs no waiting time
- Excellent bonding & adhesion strength
- Excellent resistance to heat, water, humidity & detergents
- 15 minutes bonding range

APPLICATION TOOLS

Dauber Brush or any suitable applicator.

STANDARDS COMPLIANCE

ASTM D 2564
NSF Certified (ANSI Standard 14, 372)

RECOMMENDED USES

- It is intended for bonding of hard PVC pressure pipes & fittings.
- Cable ducts for telephone systems.
- Used in electric UPVC conduits.
- Bonding pipes for drainage, water & agricultural projects
- Sewage projects

STORAGE

- Should be stored tightly closed and away from direct sunlight in a cool, dry, well-ventilated area between 5°C to 39°C
- Protect from freezing
- Close container tightly when not in use
- Store away from ignition sources

SURFACE PREPARATION

All surfaces must be clean, dry and free from dust, dirt, paint, loose materials, oil, grease, sealers, curing compounds, waxes and all other contaminations.

PACKAGING

¼ Pint (118ml), ½ Pint (237ml), 1 Pint (473ml) & Quart (946ml) Cans.

TECHNICAL DATA

BASE MATERIAL	PVC Resin	OPEN TIME	Zero Minutes
COLOR	Transparent	SETTING TIME	5 Seconds
VISCOSITY AT 25°C ASTM D2196	900 – 1100 CPS (Sp. # 63 @ 30 rpm)	HOLDING TIME	20 - 30 Sec.
SPECIFIC GRAVITY GM/CM3 ASTM	0.9 – 1.0	FLASH POINT ASTM D3278	-20°C.
SOLID CONTENTS ASTM D1644	21 - 25%	VOC ASTM D2369	451 g/l
PRESSURE TEST ASTM D 2564	Average burst pressure: 57 Bar @ 73°F for 2 hour	SERVICE TEMP	-5°C to 60°C
TEMPERATURE RESISTANCE	Up to 140°F	FLAMMABILITY	Inflammable in wet form
WAITING TIME	Zero Minutes	DILUTION	Do not dilute

APPLICATION METHOD

- Cut the pipe square with hand saw or pipe cutter and remove burrs inside and outside.
- Clean & dry the joining surfaces & check dry fit for interference, the pipe should push ¼ to ¾ way into the fitting socket snugly.
- Apply the SAAF CPVC & PVC Cleaner to clean the pipe and fitting.
- Shake well before using and stir frequently while using (if gelled, do not use). Apply with dauber brush supplied with can or suitable applicator at least ½ size of the pipe fitting, for larger size use brush or roller. Apply generously a full even layer of PVC Pipe Tite on the surfaces of both parts of the PVC pipes and fitting.
- Applied coat should be equal to the depth of socket. Coat the fitting socket with a medium layer and avoid puddling. Do not coat beyond the pipe bell end socket
- Apply a second even layer on the pipe sufficient to fill all the gaps in the joint.
- Assemble the pipe quickly while the PVC Pipe Tite is still wet, if not recoat then quickly insert the pipe into the fitting socket with slight twisting at 1/8 to 1/4 turn as you insert
- Hold together by pressing the pipe till the marked depth of the socket for about 30 seconds to make sure that the pipe is not pushed out. wipe excess PVC Pipe Tite from joint with rag.
- Mechanical handling should be avoided for the first 15 minutes as a set time and avoid full line pressure till 24 hours.
- Curing time is affected by the pipe diameter, pressure & temperature.
- At a temperature from 16°C to 44°C, allow 24 hours cure for cold water system & 48 hours cure for hot water. At a temperature from 5°C to 16°C, allow 48 hours cure for cold water system & 96 hours cure for hot water. Longer curing periods are necessary when the system is used for chemicals.

LIMITATIONS

Do not dilute the product with any type of solvents

CLEANING & DISPOSAL

- Excess adhesive may be removed immediately after the application
- The Tools & the excess material should be cleaned immediately by SAAF CPVC & PVC Cleaner or any common solvents like xylene, white spirit, etc. before it gets dry
- Dispose the waste according to the local regulations

SHelf LIFE

24 months shelf life when stored in it's original unopened container between 5°C to 39°C.

HEALTH & SAFETY

The product is inflammable, keep it away from heat, sparks, open flame & other ignition sources, vapors may ignite explosively. Use only in well ventilated areas.

The product should not be swallowed or allowed to come into contact with skin and eyes. Use of suitable protective gloves and goggles is advisable.

If eyes are affected with the adhesive rinse with excess amount of clean fresh water and seek for medical advice .If swallowed seek medical attention immediately and do not induce vomiting help.

HMIS Rating

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe; N = No information provided

CERTIFICATION

ADDITIONAL INFORMATION

SAAF IS ALSO MANUFACTURES THE FOLLOWING RANGE OF PRODUCTS

- Solvent Based Adhesives
- Water Based Adhesives
- Flooring Adhesives
- Putties & Sealants
- Coatings
- Concrete Admixtures

For further information, kindly visit our website www.tigind.com