



Product Data Sheet

ASMACO S 2200

Adhesive for Joining Applications of Electrical Conduit Pipe, PVC & UPVC Pipes.

DESCRIPTION Asmaco S 2200 is a solvent-based adhesive, specifically formulated for cementing and joining applications of pipes and pipe fittings made of Rigid PVC (U-PVC) in conduit and DWV electrical applications. With its medium viscosity, this adhesive penetrates efficiently, facilitating waterproof bonding and effectively preventing leakage even under high pressures



KEY PERFORMANCE PROPERTIES

- Designed for conduit, pressure pipe, and DWV applications, ensuring versatility and suitability across various plumbing needs.
- Easy-to-apply medium body, facilitating convenient application and offering excellent gap-filling properties for secure bonding.
- Compatible with all schedules and classes of PVC pipe and fittings up to 6 inches in diameter with interference fit, providing flexibility and reliability in usage.

AREAS OF APPLICATION

- **Plumbing:** Ideal for use in conduit, pressure pipe, drain waste, vent (DWV) systems in residential, commercial, and industrial plumbing installations.
- **Construction:** Suitable for joining PVC pipes and fittings in construction projects, including water supply lines, drainage systems, and sewer lines.
- **Electrical:** Applicable for electrical conduit installations, ensuring secure bonding of PVC pipes and fittings in electrical wiring systems.
- **HVAC (Heating, Ventilation, and Air Conditioning):** Suitable for use in HVAC systems, including ductwork and piping, providing reliable bonding for PVC components.

METHOD OF APPLICATION

APPLICATION INSTRUCTIONS:

- Ensure the surfaces to be bonded are clean, dry, free from dust, grease, and oil particles.
- Optionally, use sandpaper to roughen the surface for enhanced adhesion.
- Clean both surface ends thoroughly with a Cleaner and wipe them with tissue paper.
- Stir the adhesive TIN well and apply an even layer of adhesive, using a brush. Apply a thin layer on the fitting and a thicker layer on the pipe in an axial direction.
- Assemble the parts within 1-2 minutes (at 23°C) without turning and hold firmly for a few seconds.
- Wipe off excess adhesive and avoid disturbing the assembled joint for 5 minutes (or 15 minutes below 10°C).
- For best results, wait at least one hour before putting the pipe into use. Ensure to replace the cap tightly after use.
- After any welding work, fill the pipes with water, rinse thoroughly, and flush before use to ensure proper functioning.

PRECAUTIONS:

- After application of the adhesive, bond both surfaces immediately upon evaporation of solvent and before a skin forms on the surface.
- Remove excess adhesive for improved aesthetics and to prevent interference with the bond.
- Using primer/cleaner is recommended for better adhesion and to ensure a strong bond.
- Surface bonding time may vary from 1 minute to 5 minutes depending on the climate temperature. Adjust accordingly to achieve optimal results.

PACKAGING

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473 ml brush in cap tin containers

TDS_ASMACO S 2200 , GCC 0424



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CLEAN UP

ASMACO S 2200 may be removed from tools and equipment. Spillage can be cleaned with ASMACO CLEANER 2, acetone, or tangit Cleaner.

STORAGE & SHELF LIFE

24 months from the manufacturing date if kept in the original packaging and stored in areas at a temperature of between +5°C and +30°C. in a dry place protected from freezing and excessive heat.

HEALTH & SAFETY

ASMACO S 2200:

The product is flammable. All works should be carried out in well-ventilated area away from ignition sources. Do not smoke. The adhesive should be stored in accordance with the rules of storage of flammable substances. Detailed information is included in the Material Safety Data Sheet (MSDS).

TYPICAL PROPERTIES

Appearance:	Medium Viscos Material
Density:	0.96 ±0.03 g/ml
Color:	Clear / Grey
Odour:	Sweet Aromatic
Solubility in water:	Nil (After Curing)
Initial Boiling Point:	60° C
Setting Time:	2 — 5 min
Full Cure:	24 hours

Shipping Limitations: None

Note

The information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application. Likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non – Warranty : Because the storage, handling and application of the material is beyond Anchor Allied Factory Ltd's control, we can accept no liability for the result obtained. Anchor Allied Factory Ltd's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory Ltd will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.

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MFG. OF SILICONE , ACRYLIC & POLYURETHANE SEALANTS, WATER PROOFING COATINGS,
SELF - ADHESIVE TAPES, SPRAY PAINTS, CONTACT ADHESIVE, PVC CEMENTS, EPOXY STEEL

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