



# STAG™

## TDS Technical Data Sheet



### STAG® PVC Weld

Product Code: 32-582-0815  
Most Recent Revision Date: 14 May 2023

### Product Description

A solvent-based welding adhesive for a strong, permanent bond on PVC plastic, providing excellent sealing on both low and high-pressure rigid pipes and fittings.

### Applications

- Permanent joining and sealing of PVC pipes and fittings.
- Work on low and high-pressure PVC pipes.
- Designed to work with **STAG® PVC Cleaner** for high-pressure PVC pipe applications.

### Benefits

- Superior bond strength.
- Quick-setting formulation.
- Blue colour allows for quick and easy identification of applied surfaces.

### Specification

Property	Unit	Value	Test Method/Standard
Appearance	-	Pale Blue/ Turquoise	Visual
Viscosity	cPs	800 – 900	Viscometer
Solids	%	24 - 28	DST (Dry Film Thickness)
Specific Gravity:	g/cm <sup>3</sup>	0.97 – 1.02	SG Cup
Shelf life	Months	12	When stored unopened, in original package between 5 and 40°C in a dry and frost proof area

### Packaging

Standard Pack Sizes: 500ml tin (with applicator brush).

### Application Information

#### Surface preparation:

- Pipes should be square to ensure flat cross-section. This will allow the pipe to penetrate the fitting to its full depth and maximize the bonding surface.
- Remove loose debris, dirt, oil and grease from surfaces to be joined.
- **STAG® PVC Cleaner** is an effective cleaner and chemically primes the plastic for a more secure weld. (Refer to **STAG® PVC Cleaner TDS** for full directions on use.)

#### Mixing:

Shake for 30sec before use.

#### Application Method:

- Apply an even layer of **STAG® PVC Weld** to male and female surfaces to be joined. The



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blue colour of the adhesive will show clearly where it has been applied.

- Immediately insert the pipe into the fitting, using a maximum of a 1/8 – 1/4 twist to assist the pipe reaching its full depth. *Note: the adhesive must be fluid!*
- Removed excess adhesive with cloth or absorbent paper to ensure neat join.
- Allow to set for a minimum of 10 minutes before handling.
- Leave for a minimum of 8 hours before exposing to normal service conditions.
- Tools and excess adhesive on work can be cleaned with **STAG® PVC Cleaner** or lacquer thinners.
- **Not suitable for use on flexible PVC, Polyethylene or Polypropylene Systems.**

**Application Temperatures:** 5 – 40°C

### Precautions:

- Ensure that container tightly sealed when not in use.
- Product is highly flammable in liquid and vapour form.
- Do not smoke or use near any sources of heat or ignition.
- Ensure solvent has evaporated from cloth or paper towel before disposal.(flammable)
- Do not spill onto any electrical components or switches.
- Product may dissolve certain plastics.
- Use in a well ventilated area away from any personal and children.
- Harmful if swallowed.
- Store well away from children, pets and untrained persons.
- Store in safe cool area.
- Product causes skin irritation.
- May cause respiratory irritation.
- Toxic to aquatic life.
- May cause dizziness.
- Keep container tightly sealed when not in use to avoid evaporation and contact with sources of ignition.

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## Safety, Storage and Disposal

### Safety:

- Ensure good ventilation during application.
- **Keep out of reach of children!**
- Harmful if swallowed. If ingested, get medical help immediately and refer to SDS.
- Avoid contact with skin and eyes.
- If contact with skin occurs, wash off immediately with soap and water. Should adverse reaction occur, seek medical advice.
- If in contact with eyes, rinse immediately and thoroughly with plenty of clean water. Get medical assistance.
- Refer to SDS for hazard warnings and information on safe handling / use / transport / storage / disposal / emergency.

### Storage:

- Unopened and correctly resealed containers must be kept out of direct sunlight and in dry conditions.
- **Store out of reach of children!**
- Unopened and correctly stored containers have a shelf life of 24 months.

### Disposal:

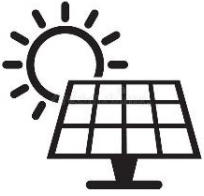
- Do not dispose in drains, sewers or waterways.
- Dispose of waste contents and empty containers in accordance with local laws.
- **Keep used / empty containers away from children!**

Please refer to the SDS for the most current 'Handling and Storage' information.

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The **STAG**® range of products are manufactured in Johannesburg (South Africa) in a factory equipped with solar panels. 75% of the of the total energy consumption of factory is supplied by the sun (April 2023 consumption data).

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