



STAG™

TDS Technical Data Sheet



STAG Thread Seal White

Product Code: 32-582-0816
Most Recent Revision Date: 29 May 2019

Product Description

STAG® Thread Seal White paste is a solvent-based flexible sealing compound. It is suitable for most standard applications where PTFE tape is typically used. **STAG® Thread Seal White** provides some distinct application and performance advantages; positive seal on pipe threads, joints, fittings, hydraulics, water and air piping systems. Can withstand temperatures up to 200°C.

Applications

Sealing of threads and joints on pipes carrying water and air, :

- Plastic pipes such irrigation lines (does not weld joints – so can be removed if required)
- Copper and Brass pipes and fittings

Benefits

- Included applicator spatula is ideal to apply in small and intricate joints.
- Contains corrosion preventing additives to enhance performance.
- Does not need to be applied with the direction of thread.
- Repels water and humidity.
- Remains flexible and elastic in the joints.
- Can be removed easily to re-apply
- Does not contain Lead.
- It is resistant to most oils, lubricants and dilute acids.

Specification

Property	Unit	Value	Test Method/Standard
Appearance	-	White Viscous Liquid	Visual
Specific Gravity:	g/cm ³	0.90 – 0.93	SG Cup
Viscosity	cPs	2900 - 3500	Viscometer
Solids	%	37 - 40	DST (Dry Film thickness)
Shelf life	Months	24	When stored unopened, in original package between 5 and 35°C in a dry and frost proof area

Packaging

Standard Pack Sizes: 300ml



STAG™ TDS

Technical Data Sheet

Application Information

Surface preparation: Remove all grease, dirt, and oil from the threads.

Application Method:

- Apply Stag Thread Seal uniformly to thread to be inserted with a brush provided (for large thread diameters above 50mm a 20mm paint brush can be used for better application)
- Insert thread into threaded coupling
- Remove any excess thread paste after insertion with a dry cloth
- Tighten threads as per specifications
- All equipment can be cleaned with methylated spirits or lacquer thinners
- Ensure container is closed immediately after use to avoid thickening of paste
- Use a small amount of methylated spirits to thin should the paste become thick after prolonged storage

Application Temperatures: 5 – 40°C

Drying Time: Once the product has been threaded, allow for 30 minutes before use.

Precautions: Use in a well ventilated space.
Flammable - keep away from all open sources of ignition and open flames.
Keep out of reach of children!

Safety, Storage and Disposal

Safety:

- Ensure good ventilation during application and drying.
- **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.

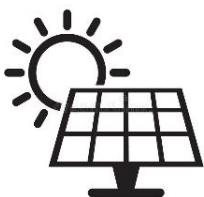
Storage:

- 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.



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)



STAG™ TDS

Technical Data Sheet

Terms of Use: This information is based on our present state of knowledge and is intended to provide general notes on our range of products and their uses. It should not be construed as a guarantee of specific properties of the products described, or the suitability for a particular application. If further information is required, please contact Liquid Colours.

The quality of our products undergoes specific and relevant tests related to their basic applications and end uses. The quality of our products is guaranteed under our General Conditions of Sale. Customers must independently determine the suitability for their intended products, uses or process. Liquid Colours makes no representation or warranty, expressed or implied, including merchantability or fitness for a particular use, regarding our products.

----- end document -----