



STAG™ TDS Technical Data Sheet



STAG® Jointing Compound

Product Code: 32-582-0810
Most Recent Revision Date: 01 December 2022

Product Description

STAG® Jointing Compound has been trusted for over 50 years to seal steel pipe joints. The characteristic red paste is easy-to-apply and forms a permanent seal on new and existing, threaded and flange joints. STAG® Jointing Compound air-dries and is resistant to various chemicals, tolerates high operating temperatures and pressures.

Applications

- Steel pipe joints – threaded and flanged
- Pipelines carrying water, steam, oil, petrol, diesel and gases
- Immersed switches, transformers and liquefied petroleum gas (LPG) connections
- Battery terminals to arrest corrosion
- Screwed and flanged metal joints on petrol and diesel engines
- Gearbox gaskets
- Sealant for steel plumbing fittings

Benefits

- Effective high pressure sealant (70bar)
- Effective as a high temperature thread sealant (200°C)
- Remains flexible over time, sealing micro-movements in joints
- Resistant to oil, petrol, gas, water, steam, and dilute acids
- High electrical insulation properties

Specification

Property	Unit	Value	Test Method/Standard
Appearance:		Red Oxide Paste	Visual
Specific Gravity:	g/cm ³	1.50 – 1.70	S.G. Cup
Chemical resistance		Fresh Water, Steam, Salt Water, Compressed air, Gases, Mineral Oils, Vegetable Oils, Petrol, Diesel, Grease, Dilute Acids	
Temperature range:	°C	0 – 200	Thermometer
Pressure range	Bar	0 – 70	Pressure Gauge
Drying time	Hours	½ - 2in pipes 30 – 60 min 2in+ pipes 60 – 120 min	
Shelf life:	Months	24	



STAG™ TDS Technical Data Sheet

Packaging

Standard Pack Sizes: 500gr tub with applicator.

Application Information

- Surface preparation:** New - remove all debris, dirt, rust and oils with Methylated Spirits and a clean cloth.
Old - remove all debris, dirt, rust and oils with a wire brush. Perform final clean with Methylated Spirits and a clean cloth.
- Mixing:** Oils may rise to the upper surface if container left to stand for extended periods. Ensure container is tightly closed and shake for 30 – 60 seconds stir with applicator brush till paste is homogenous.
- Application Method:**
- Apply paste with applicator brush as supplied.
 - Apply paste to male threads only to prevent excess paste running into inside of pipe.
 - New surfaces require 2 coats (hemp not required)
 - Old surfaces require 3 coats (hemp can used if condition of thread is poor)
 - Wipe excess paste from joint with Methylated Spirits and a clean cloth.
- Application Temperatures:** 5 – 40°C
- Thinners:** Methylated Spirits
- Drying Time:** ½ - 2in pipes 30 – 60 min
2in+ pipes 60 – 120 min
- 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!
Ensure container is tightly closed after use to prevent spillage and evaporation.
-

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.

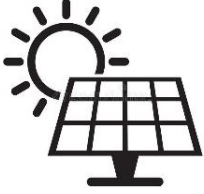
Disposal:

- 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.



STAG™ TDS Technical Data Sheet



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).

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 -----