

Safety Data Sheet

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details
 Trade Name: STAG JOINTING PASTE
 Product No: 32-582 - 0810
 Recommended Use: The Product is intended for use as an air-drying jointing paste for packing and sealing joints in pipe works
 Use Restrictions: Not recommended with water – based products. The product is not suitable for use in contact with Alcohols Glycols and oxygenated solvents.
 Supplier Details: Liquid Colours (Pty) Ltd, P.O. Box 2685, Edenvale 1610, South Africa
 T +27 11 372 4600, F +27 11 609 8666, E info@liquidcolours.co.za, W www.liquidcolours.co.za
 Emergency Phone Numbers:
 Office +27 11 372 4600 (07h30 to 16h00)
 After Office Hours +27 83 412 2844 or +27 82 331 5356
 SDS date: 29.05.2019
 SDS version: v06.03.2023

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture according to SANS 10234:2008 Edition 1.1 and Regulation (EC) Number 1272/2008 (CLP):

- Warning - Flammable Liquid and Vapour
- Warning – May cause skin irritation
- Warning - Causes Eye irritation
- Harmful if inhaled
- Harmful if swallowed
- Harmful to Aquatic Life
- May cause dizziness or drowsiness

Full List of statements given under section 15

Hazard Symbols:



SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Component	Cas Number	Weight (%)
Ethanol	64 – 17 - 5	<20
Isopropyl alcohol	67-17-5	<2
Benzene	71-63-0	<0.02
Other ingredients below reportable Values		≥80

SECTION 4 – FIRST AID MEASURES

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Cold water may be used. Seek medical attention.

Skin contact (slight): In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention.

Skin contact (prolonged): Wash thoroughly with disinfectant soap. Seek medical attention.

Inhalation (slight): If inhaled, remove to fresh air. If breathing is difficult, give oxygen. Seek medical attention.

Safety Data Sheet

- Inhalation (prolonged): Evacuate the victim to a safe area as soon as possible. Loosen tight clothing and resuscitate if required taking care not to inhale toxic fumes. Seek medical attention.
- Ingestion (slight): Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention

SECTION 5 – FIRE FIGHTING MEASURES

- Suitable Extinguishing Media: Water Fog, Carbon Dioxide, Dry Powder Foam. **Do not use Water Jet for extinguishing fires but may be used to keep containers cool.**
- Flammable: Fire Fighters need to use suitable protective clothing while firefighting

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should only be employed in processes in which this product is used under supervision.
Avoid contact with skin, eyes and clothing.
Do not inhale fumes/vapours.
Keep away from foodstuffs and beverages.
Wash hands after use.
- Protective Equipment: Wear protective clothing, solvent resistant gloves, boots and eye goggles/face mask. Work in a well-ventilated area and wear respiratory protective equipment.
- Environmental Precautions: Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.
- Containment and Clean-Up: Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth. Place in a suitable container for disposal in accordance with the waste regulations. Do not allow to enter drains or waterways.

SECTION 7 – HANDLING & STORAGE

- Handling: Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion proof electrical (ventilating, lighting and material handling) equipment.
- Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (sparks or flame)

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Component	Cas Number	Source	TWA Value	STEL
Ethanol	64 – 17 - 5	ACGIH TLV	1000 ppm	Data Not available
Iso Propyl Alcohol	67-63-0	ACGIH TLV	400 ppm	500ppm

- LTEL: Long Term Exposure Limits - Time Weight Average (TWA) over 8 hours.
STEL: Short Term Exposure Limits - Time Weight Average (TWA) over 15 Minutes
Note: Limits Shown for guidance only. Follow applicable regulations

Personal Protective Equipment (PPE)

- Engineering controls: Use in well -ventilated area. Explosive-proof ventilation equipment with local exhaust is desirable.
- Respiratory protection: Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the recommended exposure limit. Self-Contained Breathing Apparatus may be required for use in confined or enclosed spaces. Respirator with a vapour filter (EN 141) is recommended.

Safety Data Sheet

Eye protection:	Normal industrial eye protection practices should be employed.
Skin and body protection:	If prolonged or repeated skin contact is likely wear solvent-resistant gloves and clothing. Good personal hygiene practices should always be followed.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Viscous Liquid / Paste
Colour:	Reddish Brown
Odour:	Strong / Solvent
pH Value:	Not applicable
Initial Boiling Point:	79 °C
Flash Point:	12 - 16 °C (Derived)
Flammability:	Flammable
Upper Explosion Limit (UEL):	6.0% (V)
Lower Explosion Limit (LEL):	1.7% (V)
Vapour Pressure:	<20 hPa
Density:	1.55 – 1.75
Solubility in Water:	Immiscible
Viscosity:	80 – 85 KU @ 23 °C
Auto-ignition Temperature:	> 370 °C
Decomposition Temperature:	> 370 °C

SECTION 10 – STABILITY & REACTIVITY

Stability:	Stable
Conditions to avoid:	Heat, sparks, flame and build- up of static electricity.
Materials to avoid:	Strong oxidizers and Acids
Hazardous decomposition:	Fumes, smoke and carbon monoxide

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute oral toxicity	
Rats - LD50:	Greater than 2000 mg/kg
Rats - LC50:	Greater than 5mg/l based on testing of similar products and/or the components. Harmful if inhaled
Acute dermal toxicity	
Rabbits - LD50:	Greater than 2000 mg/kg.
Skin irritation	
Rabbits:	Causes skin irritation.
Eye irritation	Causes eye irritation
Eye Irritation	Causes eye irritation
Mutagenicity	Data not available
Teratogenicity	Data not available
Carcinogenic effects	Data not available
STOTE – Single Exposure	Category 3 may cause dizziness
STOTE – Repeated	May affect liver, Kidneys Lungs and nervous system

Safety Data Sheet

Exposure

SECTION 12 – ECOLOGICAL INFORMATION

Elimination information (persistence and degradability):

Biodegradability: Not established.
 Physicochemical removability: Not established.
 Bioaccumulation: Not established.

Eco toxicity effects:

Toxicity to fish Juvenile rainbow trout LC/EC50: 1 - 10ppm

Further info on ecology:

Remarks: Toxic to fish, aquatic organisms and wildlife. Do not discharge into lakes, streams, ponds and ground water supply.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal:

Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at any government approved waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and considerations of product characteristics at time of disposal.

Other regulations:

Disposal of unused product may be subject to RCRA regulations (40 CFR261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity, or toxicity as determined by the Toxicity Characteristic Leaching Procedure (TCLP).

SECTION 14 – TRANSPORT INFORMATION

ADR

UN Number 1263
 UN Proper shipping name Paint Product
 Class: 3
 Letter: F
 Packing group: III
 Hazard Label 3
 Danger code (Kemler) 30
 Limited quantities (LQ): 5L
 Tunnel restriction code: D/E

Hazard symbol



Maritime transport IMDG

UN Number 1263
 UN Proper shipping name Paint Product
 Class: 3
 Letter: F
 Packing group: III
 Hazard Label 3
 EMS Number: F-E, S-E
 Marine Pollutant Yes
 Symbol Fish and Tree
 Medical First Aid Guide 311
 Emergency Schedule (EmS) Number 311
 IMDG code page number 3-07
 Static accumulator (50 Pico Siemens or less) Yes

Hazard symbol



Safety Data Sheet

**Air Transport ICAO-TI and IATA-DGR
DGR**

Hazard symbol

UN Number 1263
 UN Proper shipping name Paint Product
 Class: 3
 Letter: F
 Packing group: III
 Hazard Label 3



SECTION 15 – REGULATORY INFORMATION

Communication Standard: Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined to be hazardous.
 Governmental Inventory Status: All components comply with TSCA, EINECS/ELINCS, AICS, METI, DSL, KECI, ENCS, PICCS and IECSC.

Safety, health and environmental regulations/legislation specific for the substance or mixture

Labelling according to EU guidelines: The product has been classified and marked in accordance with EU Directives /Ordinance on Hazardous Materials.

Dangerous preparations: Directive 1999/45/CE amending by the directive 2001/60/CE.

Material Safety Data Sheet: according to 1907/2006/EC, Article 31

Risk phrases:

- H226 Flammable liquid and vapour.
- H315 Causes Skin Irritation
- H320 Causes eye irritation.
- H335 May cause dizziness or drowsiness
- P102 Keep out of reach of children.
- P103 Read label before use.
- P210 Keep away from all sources of ignition. No smoking.
- P233 Keep container tightly closed.
- P261 Avoid breathing vapours.
- P264 Wash hands, face and all exposed skin thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective clothing, gloves, eye/face protection and suitable respirator
- P304 + P340 - IF INHALED - Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

National regulations
 Water hazard class:
 Chemical safety
 assessment:

Water danger class 3 (Self-assessment): extremely hazardous for water.

A Chemical Safety Assessment has not been carried out.

SECTION 16– OTHER INFORMATION

Reason for Issue Update to GHS SDS.

Terms of use: This summarises at the date of issue our best knowledge of health, environmental hazard and safety information related to the product, how to safely handle, use, store and transport the product. Since Liquid Colours cannot anticipate or control the conditions in which the product may be handled, used, stored or transported, every user must prior to usage review the MSDS in relation to intended use, storage and transport of the product in the workplace and elsewhere. Such information should be communicated to all relevant parties. If further information is required, please contact Liquid Colours.

Safety Data Sheet

Liquid Colours shall not assume any liability for the accuracy or completeness of the information contained herein or any advice given. Liquid Colours sole and exclusive warranty is that the products comply with Liquid colours published chemical and physical specifications in effect at the time of sale. Liquid Colours liability for claim suits is in all cases limited to the purchase price of the particular quantity of product upon which the claim is based. Under no circumstances shall Liquid Colours be liable for loss of profits or any other indirect and consequential loss or damage resulting from the improper use of the product.

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