



# Gloucestershire Warwickshire Steam Railway Plc

## Locktite 648 Retaining Compound

### COSHH Assessment Details

|                         |                   |                        |                   |
|-------------------------|-------------------|------------------------|-------------------|
| <b>Assessment Id:</b>   | COSHH-44146-60    | <b>Lead Assessor:</b>  | Kevin Jarvis      |
| <b>Version No:</b>      | 3                 | <b>Published Date:</b> | 03 September 2024 |
| <b>Status:</b>          | Active            | <b>Review Date:</b>    | 03 September 2027 |
| <b>Assessment Date:</b> | 03 September 2024 | <b>Approved By:</b>    | Kevin Jarvis      |

### Substance Details

|                        |                                 |                       |  |
|------------------------|---------------------------------|-----------------------|--|
| <b>Substance Name:</b> | Locktite 648 Retaining Compound | <b>Substance Use:</b> |  |
|------------------------|---------------------------------|-----------------------|--|

Available in:

2L Bag in Box

1.0/case

50ML Bottle

12.0/case

250ML Bottle

10.0/case

TDS Download

Where to Buy

LOCTITE 648 is a low viscosity, high strength retaining compound with high temperature resistance. Ideal for retention of parts with a clearance or interference fit. LOCTITE® 648 is designed for the bonding of cylindrical fitting parts

|                     |   |
|---------------------|---|
| <b>Manufacturer</b> | Henkel Ltd                                  |
| <b>Address:</b>     | Wood Lane End<br>HP2 4RQ<br>Hemel Hempstead |

|                          |              |
|--------------------------|--------------|
| <b>Emergency Tel No:</b> | 01442 278497 |
|--------------------------|--------------|

|                           |                 |                           |                                    |
|---------------------------|-----------------|---------------------------|------------------------------------|
| <b>Form Of Substance:</b> | Liquid, Vapour, | <b>Routes of Exposure</b> | Inhalation, Skin, Ingestion, Eyes, |
|---------------------------|-----------------|---------------------------|------------------------------------|

|                             |   |
|-----------------------------|---|
| <b>Storage and Handling</b> | Store in the manufacturers container in a COSHH cabinet |
|-----------------------------|---|



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### Exposure Limits

WEL: 29 mg/M3

LEL: Unknown

SEL: Unknown

### Substance Classifications



Harmful



Corrosive

### Health Phrases

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H335 - May cause respiratory irritation.

H412 - Harmful to aquatic life with long lasting effects.

### Precautionary Phrases

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P501 - Dispose of contents/container via an approved disposal route

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 - IF ON SKIN: Wash with plenty of water.

P305 + P351 + P3 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.

### Required Personal Protection Equipment (PPE)



Gloves



Overalls



Goggles

### Control Measures

#### Current:

- Administrative - Follow manufacturers advice - Effective

#### Potential:

No Potential Control Measures

Score Notes:



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### Assessment Score

Likelihood of Harm:

2) Low probability – seldom/once every 5 years

Severity of Harm:

2) Injury – up to 7 days lost time days lost time

Overall:

Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.

### Reference Documents

Locktite 648 Retaining Compound MSDS - Material Safety Data Sheet

### Appendix



**Reference: UI-44146-551**

Locktite 648 Retaining Compound -  
Locktite 648 Retaining Compound  
picture