



# 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>	
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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 HP2 4RQ Hemel Hempstead

<b>Emergency Tel No:</b>	01442 278497
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<b>Form Of Substance:</b>	Liquid, Vapour,	<b>Routes of Exposure</b>	Inhalation, Skin, Ingestion, Eyes,
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<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