



Gloucestershire Warwickshire Steam Railway Plc

Locktite 648 Retaining Compound

COSHH Assessment Details

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

Substance Details

Substance Name:	Locktite 648 Retaining Compound	Substance Use:
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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

Manufacturer	Henkel Ltd	Emergency Tel No:	01442 278497
Address:	Wood Lane End HP2 4RQ Hemel Hempstead		
Form Of Substance:	Liquid, Vapour,	Routes of Exposure	Inhalation, Skin, Ingestion, Eyes,
Storage and Handling	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