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:**	

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		

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:

Assessment Score

Liklihood 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