



Safety Data Sheet

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LOCTITE PRE APPLIED A/S known as LOCTITE PRE APPLIED
A/S ECO40LB

SDS No. : 467681
V001.0

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1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE PRE APPLIED A/S known as LOCTITE PRE APPLIED A/S ECO40LB

Suggestion application & limitation of use: Lubricant

Company information, address, tel No.:

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2. Hazards identification

Product hazard classification:

Hazard Class	Hazard Category
Serious eye damage/eye irritation	Category 2A
Respiratory sensitizer	Category 1
Skin Sensitization	Category 1
Carcinogenicity	Category 2
Chronic hazards to the aquatic environment	Category 3

GHS label content:

Hazard pictogram:



Signal word:

Danger

Hazard statement: H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statement (Prevention): P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear eye protection/face protection.
P280 Wear protective gloves.
P281 Use personal protective equipment as required.
P285 In case of inadequate ventilation wear respiratory protection.

Precautionary Statement (Response): P302+P352 IF ON SKIN: Wash with plenty of water.
P304+P341 IF INHALED: If breathing is difficult, 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.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.

Precautionary Statement (Storage): P405 Store locked up.

Precautionary Statement (Disposal): P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

3. Composition / information on ingredients

Pure substance/ Mixture: Mixture

Traditional Chinese name /English name for the hazardous compositions:	CAS-No.	Percentage/Conc.
鎳 Nickel	7440-02-0	>= 20 - < 30 %

4. First aid measures

First aid measure for different exposure ways:

Inhalation: Move to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
Get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

5. Fire fighting measures

Proper extinguishing agent: Water spray (fog), foam, dry chemical or carbon dioxide.

Decomposition products in case of fire: Irritating organic vapours.

Special hazard during the fire-fighting process: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

Special protect devices of fire-fighting team: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

6. Accidental release measures

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean method: Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

7. Handling and storage

Safety handling: Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Refer to Section 8.

Storage: Store in a cool, well-ventilated place. Keep away from heat and direct sunlight.

8. Exposure controls / personal protection

Engineering control: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Ingredient [Regulated substance]	Value type	ppm	mg/m ³	Remarks
NICKEL, METAL AND INSOLUBLE COMPOUNDS (AS NI) 7440-02-0	Time Weighted Average (TWA):		1	TW_PEL

Personal protect equipment:

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Hand protection: Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Safety goggles or safety glasses with side shields.

Full face protection should be used if the potential for splashing or spraying of product exists.

Safety showers and eye wash stations should be available.

Skin and body protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Neoprene gloves.

Hygiene control:

Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

Keep absolute tidiness at the working place.

Do not eat, drink, smoke or take snuff while working.

Wash thoroughly after handling.

9. Physical and chemical properties

Appearance:	Paste, Liquid
Odor:	Gray
Odor threshold:	Mild
pH:	Not available.
Melting point:	Not available.
Boiling point/range:	100 °C
Density:	1.56 g/cm ³
Vapor pressure:	24 mm hg
Vapor density:	Not available.
Flammability:	Not applicable
Flash point:	> 130 °C
Explosion limit:	Measure method: Not available.
Auto-ignition temperature:	Not available.
Solubility in water	Partially soluble
Octanol / water distribution coefficient:	Not available.

Evaporation rate: Not available.

10. Stability and reactivity

Incompatible materials: Reacts with strong oxidants.

Condition to avoid: Elevated temperatures.
Heat, flames, sparks and other sources of ignition.
Store away from incompatible materials.

Decomposed material: Irritating organic vapours.

11. Toxicological information

General toxicological information:

No experimental toxicological data on the preparation as such is available.

Inhalative toxicity:

Acute toxicity estimate (ATE) : > 40 mg/l

Exposure time: 4 h

Test atmosphere: Vapor.

Method: Calculation method

Other remarks:

Not available.

Toxicity data:

No data available.

12. Ecological information

Ecological toxic information: Do not empty into drains / surface water / ground water.

Flow ability in the soil: No data available.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Nickel 7440-02-0	LC50	> 100 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Nickel 7440-02-0	EC50	> 100 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

13. Disposal considerations

Waste disposal of product: Waste disposal with the approval of the responsible local authority.

14. Transport information

General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

15. Regulatory information

Labor Safety and Health Act

Regulation of Labeling and Hazard Communication of Dangerous and Harmful Substances

Standards on Workplace Atmosphere of Dangerous and Hazardous Materials

Regulations Governing Road Traffic Safety

Methods and Facilities Standards for the Storage, Clearance and Disposal of Industrial Waste

16. Other information

Reference information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties. The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

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