



Safety Data Sheet

Page 1 of 6

LOCTITE UK 8101

SDS No. : 44400

V001.2

Revision: 09.08.2022

printing date: 06.08.2025

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE UK 8101

Intended use: assembly adhesive

Supplier:
Henkel New Zealand Ltd
2 Allens Rd
East Tamaki
Auckland, 2013
New Zealand
Phone: +64 (9) 272-6710

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).

Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

GHS Classification:

No classification required.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description: Mixture
Polyol

Type of preparation: 2-Component polyurethane adhesive

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Dolomite	16389-88-1	30- < 50 %
non hazardous ingredients~		30- <= 60 %

SECTION 4 FIRST AID MEASURES

Ingestion:	Rinse mouth, do not induce vomiting, consult a doctor.
Skin:	Rinse with running water and soap.
Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Inhalation:	Move to fresh air, consult doctor if complaint persists.
First Aid facilities:	Eye wash Normal washroom facilities
Most important symptoms caused by exposure:	To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.
Medical attention and special treatment:	Treat symptomatically.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	All common extinguishing agents are suitable.
Improper extinguishing media:	High pressure waterjet
Particular danger in case of fire:	In case of fire toxic gases can be released.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus. Wear protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear protective equipment. Danger of slipping on spilled product.
Environmental precautions:	Do not empty into drains / surface water / ground water.
Clean-up methods:	Remove with liquid-absorbing material (sand, peat, sawdust). Dispose of contaminated material as waste according to Section 13.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid skin and eye contact. Use only in well-ventilated areas.
Conditions for safe storage:	Ensure good ventilation/extraction. Store in sealed original container protected against moisture. > + 15 °C < + 25 °C

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Workplace exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Ceiling	STEL (ppm)	STEL (mg/m3)
PARTICULATES NOT OTHERWISE CLASSIFIED, RESPIRABLE DUST 16389-88-1	Respirable dust.		3	-	-	-
PARTICULATES NOT OTHERWISE CLASSIFIED, INHALABLE DUST	Inhalable dust.		10	-	-	-

Biological Exposure Indices:

None

Engineering controls: Ensure good ventilation/extraction.**Eye protection:** Protective goggles**Skin protection:** Wear protective equipment.
The use of natural rubber gloves is recommended.
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.**Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: beige
liquid

Odor: characteristic

Melting point / freezing point: Not applicable, Product is a liquid

Flash point: No flash point up to 200 °C
(no method)

Density: 1.40 - 1.50 g/cm³

Solubility in water: Not miscible (23 °C)

Viscosity (dynamic): 6,000 - 10,000 mPa.s
(Brookfield; Instrument: RVT; 20 °C (68 °F); speed of rotation: 20 min-1; Spindle No: 5; Method: ; QP1555.0; TE1002-208; Viscosity by Brookfield)

VOC content (2004/42/EC) 0 % (VOCV 814.018 VOC regulation CH)

SECTION 10. STABILITY AND REACTIVITY**Stability:** Stable under recommended storage conditions.**Conditions to avoid:** None if used for intended purpose.

Incompatible materials: None if used for intended purpose.

Hazardous decomposition products: No decomposition if used according to specifications.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects:

Ingestion: Not expected under normal conditions of use.
Skin: May cause mild skin irritation.
Eyes: May cause slight irritation to eyes on contact.
Inhalation: Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Dolomite 16389-88-1	LD50	> 5,000 mg/kg	oral		rat	not specified

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains, soil or bodies of water.

Ecotoxicity: No data available.

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Dolomite 16389-88-1	LC50	> 56,000 mg/l	Fish	96 h	Gambusia affinis	OECD Guideline 203 (Fish, Acute Toxicity Test)
Dolomite 16389-88-1	EC50	265 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Dolomite 16389-88-1	EC50	137 mg/l	Algae	5 d	Nitzschia sp.	OECD Guideline 201 (Alga, Growth Inhibition Test)
Dolomite 16389-88-1	EC0	> 56,000 mg/l	Bacteria	30 min	not specified	not specified

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: In consultation with the responsible local authority, must be subjected to special treatment.

Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14. TRANSPORT INFORMATION

Dangerous Goods information:

Land Transport:

Not classified as Dangerous Goods under the Land Transport Rule: Dangerous Goods 2005.

Marine transport IMDG:

Not dangerous goods

Air transport IATA:

Not dangerous goods

SECTION 15. REGULATORY INFORMATION

New Zealand regulatory information:

Not classified as hazardous under the New Zealand Hazardous Substances and New Organisms Act (HSNO).

HSNO Approval Number: none

NZIoC: Compliant for NZIOC

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms: HSNO - Hazardous Substances and New Organisms
CAS: Chemical Abstracts Service
LD 50: Lethal Dose 50%
LC 50: Lethal Concentration 50%
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

Reason for issue: Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

Date of previous issue: 26.07.2017

Disclaimer:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel New Zealand Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel New Zealand Limited concerning the properties of the material.

The information contained in this Safety Data Sheet is offered in good faith and has been developed from what is believed to be accurate and reliable sources. The information is offered without warranty, representation, inducement or licence and Henkel New Zealand Limited assumes no legal responsibility for reliance upon same. Henkel New Zealand Limited disclaims any liability for loss, injury or damage incurred in connection with the use of the material or its associated Safety Data Sheet.

This information is not to be construed as a representation that the material is suitable for any particular purpose or use except those conditions and warranties implied by Government statutes. Customers are encouraged to make their own enquiries as to the material's characteristics and, where appropriate, to conduct their own tests in the specific context of the material's intended use.

No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.

