



Safety Data Sheet

LOCTITE Brush 5G_N

SDS No. : 234063

V001.2

Henkel Japan Ltd.

Revision: 15.01.2025
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1. Identification of the substance/preparation and of the company/undertaking

Product code: 2312458
Product name: LOCTITE Brush 5G_N
Recommended use : Adhesive

Company name:
Henkel Japan Ltd.
Sphere Tower Tennoz 14F 2-2-8
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2. Hazards identification

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Target organ</u>
Flammable liquids	Category 4	
Skin irritation	Category 2	
Serious eye damage/eye irritation	Category 2A	
Target Organ Systemic Toxicant - Single exposure	Category 3	respiratory tract irritation
Acute hazards to the aquatic environment	Category 3	

GHS label elements:

Hazard pictogram:



Signal word:

Warning

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Hazard statement:	H227 Combustible liquid. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H402 Harmful to aquatic life.
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 Avoid breathing mist/vapours. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves, eye protection, and face protection.
Response:	P302+P352 IF ON SKIN: Wash with plenty of water. P304+P340+P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
Storage:	P403 Store in a well-ventilated place. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up.
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.

The hazard information in product label may be differing with SDS information.

3. Composition / information on ingredients

Single substance/ Mixture: Mixture

Hazardous Components and Concentration

Does not contain ingredients or impurities which contribute to hazard classification.

If the concentration of a substance subject to SDS and risk-assessment requirements under the ISHL is indicated in a range, this includes cases where the concentration is confidential.

4. First aid measures

Case of skin contact:	Do not pull bonded skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water. Cyanoacrylates give off heat on solidification. In rare cases a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin. If lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips apart with direct opposing action.
Case of eye contact:	If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. Cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to debond the adhesive. Keep eye covered until debonding is complete, usually within 1-3 days. Do not force eye open. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

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Case of ingestion: Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

Case of inhalation: Move to fresh air, consult doctor if complaint persists.

5. Fire fighting measures

Suitable extinguishing media: Foam, extinguishing powder, carbon dioxide.
Fine water spray

Decomposition products in case of fire: Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Protective equipment: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

6. Accidental release measures

Personal precautions: Ensure adequate ventilation.

Environmental precautions: Do not let product enter drains.

Measures for removal: Do not use cloths for mopping up. Flood with water to complete polymerization and scrape off the floor. Cured material can be disposed of as non-hazardous waste.

7. Handling and storage

Handling:

Precautions for safe handling: Ventilation (low level) is recommended when using large volumes
Use of dispensing equipment is recommended to minimise the risk of skin or eye contact

Storage:

Conditions for safe storage: For optimum shelf life store in original containers under refrigerated conditions at 2 - 8°C (35.6 - 46.4 °F).

8. Exposure controls / personal protection

Component exposure limits:

Japan OELs

JPISHL OEL
Japan ISHA: Administrative Control Levels of Working Environment Evaluation Standards

JPJSOH OEL
JSOH: Occupational Exposure Limits

JP NOEL
Japan ISHA: Concentration standards for the prevention of health problems caused by chemical substances (Concentration standard value setting substance)

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Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Hydroquinone [HYDROQUINONE]				Included in the regulation but with no data values. See regulation for further details	JPISOH OEL
Hydroquinone [Hydroquinone]		1	Time Weighted Average (TWA):	Effective date: 1 April 2024	JP NOEL

Component exposure limits:
REFERENCES

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Hydroquinone [HYDROQUINONE]		1	Time Weighted Average (TWA):		ACGIH

Indications for system design: Ensure good ventilation/suction at the workplace.

Personal Protection Equipment:

Respiratory protection: Ensure adequate ventilation.

Hand protection: The use of chemical resistant gloves such as Nitrile is recommended. Polyethylene or polypropylene gloves are recommended when using large volumes. Do not use PVC, rubber or nylon gloves. 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.

Eye protection: Wear protective glasses.

Body protection: Wear suitable protective clothing.

9. Physical and chemical properties

Physical state:	liquid	Color:	Colourless / Colorless
pH:	Not applicable, Product reacts with water.	Odor:	irritating
Boiling point:	> 100 °C (> 212 °F)	Melting point:	Not applicable, Product is a liquid
Vapor density:	Approximate 3	Density:	1.05 g/cm ³
Flash point:	80.0 - 93 °C (176 - 199.4 °F)	Vapor pressure:	Not applicable or not available
Lower explosive limit:	Not applicable or not available	Upper explosive limit:	Not applicable or not available
Solubility in water:	Not applicable or not available	Viscosity:	60.00 - 80.00 mPa.s 45 - 275 mm ² /s
Auto-ignition temperature:	485 °C	Flammability:	Not applicable or not available
Octanol / water distribution coefficient:	Not applicable or not available	Decomposition temperature:	Not applicable or not available
Particle characteristics:	Not applicable or not available		

10. Stability and reactivity

Stability:

Reactivity: Rapid exothermic polymerization will occur in the presence of water, amines, alkalis and alcohols.

Condition to avoid: Stable under normal conditions of storage and use.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

No data available.

Acute dermal toxicity:

No data available.

Acute inhalative toxicity:

No data available.

Skin corrosion/irritation:

No data available.

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogenicity

No data available.

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure:

No data available.

Aspiration hazard:

No data available.

12. Ecological information

12.1. Toxicity

Toxicity (Fish):

No data available.

Toxicity (aquatic invertebrates):

No data available.

Chronic toxicity (aquatic invertebrates):

No data available.

Toxicity (Algae):

No data available.

Toxicity (microorganisms):

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

No data available.

13. Disposal considerations

Recommended method of disposal:

Cured adhesive: Dispose of as water insoluble non-toxic solid chemical in authorised landfill or incinerate under controlled conditions.
Dispose of in accordance with local and national regulations.
Contribution of this product to waste is very insignificant in comparison to article in which it is used

Waste disposal of packaging not cleansed:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.
Disposal must be made according to official regulations.

14. Transport information

Marine transport IMDG:
Not dangerous goods

Air transport IATA:

Class:	9
Packing group:	III
Packing instructions (passenger)	964
Packing instructions (cargo)	964
UN no.:	3334
Label:	9
Proper shipping name:	Aviation regulated liquid, n.o.s. (Ethyl cyanoacrylate)
Additional Information IATA:	Primary packs containing less than 500ml are unregulated by this mode of transport and may be shipped unrestricted.

Local transport information

Land transportation: If it falls under the Fire Service Act, the Industrial Safety and Health Act, the Poisonous and Deleterious Substances Act, etc., follow the prescribed transportation method.

Maritime transportation: Follow the transportation law stipulated in the Ship Safety Act.

Air transportation: Follow the transportation method stipulated in the Civil Aeronautics Act.

15. Regulatory information**Industrial Safety and Health Law:**

SDS Required Substances	Ethyl 2-cyanoacrylate
Label Required Substances	Ethyl 2-cyanoacrylate
Class 1 Designated Chemical Substances (ISHL Enforcement Order, Table 3, as amended)	not applicable
Class 2 Designated Chemical Substances (ISHL Enforcement Order, Table 3, as amended)	not applicable
Class 3 Designated Chemical Substances (ISHL Enforcement Order, Table 3, as amended)	not applicable
Japan. ISHL Specified Chemical Substances (ISHL Ordinance No. 39, Article 38-3)	not applicable
Class 1 Organic Solvents:	not applicable
Class 2 Organic Solvents:	not applicable
Class 3 Organic Solvents:	not applicable
Mutagens, Existing Chemicals:	not applicable
Mutagens, New Chemicals:	not applicable
Carcinogens from SDS and Risk Assessment List	not applicable
Skin and Eye Damaging or Absorbing Substances	not applicable

Fire services law: Class 4, Class 4 Group 3 oils (Non-water soluble)

Poisonous and Deleterious substances control Law: Does not apply.

Law concerning Pollutant Release and Transfer Register / PRTR:(content value is typical value) (If unit is %O: %O=1/10%) Does not apply.

16. Other information

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