



Revision Number: 000.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite General Purpose Spray Adhesive
Product type: Adhesive
Company address: Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067
IDH number: 1408027
Region: United States
Contact information:
 Telephone: 800.624.7767
 Emergency telephone: 800.424.9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	Sprayable	HEALTH:	1
Color:	white	FLAMMABILITY:	4
Odor:	of solvent	PHYSICAL HAZARD:	0
		Personal Protection:	Not available

DANGER: EXTREMELY FLAMMABLE.
 VAPOR MAY CAUSE FLASH FIRE.
 VAPOR HARMFUL.
 CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Skin, Eyes

Potential Health Effects

Inhalation: Vapors are irritating to the nose, throat and respiratory tract resulting in dryness of throat and tightness in chest. Other symptoms of overexposure include headache, nausea, narcosis, fatigue and loss of appetite.

Skin contact: Repeated exposure may cause skin dryness or cracking. Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Prolonged or repeated skin contact may result in redness, burning sensation or dermatitis. Prolonged and/or repeated skin contact may result in mild irritation or redness. Mild skin irritation.

Eye contact: Direct spray or vapors will irritate and may harm eyes. Symptoms include: Stinging. Tearing. Redness.

Ingestion: Not available

Existing conditions aggravated by exposure: Not available

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Acetone	67-64-1	10 - 30
n-Hexane	110-54-3	30 - 60
Propane	74-98-6	10 - 30
n-Butane, containing >= 0,1 % butadiene	106-97-8	10 - 30

4. FIRST AID MEASURES

Inhalation: Move to fresh air, consult doctor if complaint persists.

Skin contact: Wash with soap and water. Obtain medical attention if irritation persists.

Eye contact: In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

Ingestion: Do not induce vomiting, seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Flash point: Not available

Flame projection: 91.44 cm (36inch)

Autoignition temperature: Not available

Flammable/Explosive limits - lower: Not available

Flammable/Explosive limits - upper: Not available

Extinguishing media: Carbon dioxide. Foam. Dry powder.

Special firefighting procedures: In case of fire, keep containers cool with water spray. Wear protective equipment.

Unusual fire or explosion hazards: Not available

Hazardous combustion products: Not available

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Contain spill. Absorb spill with inert material. Shovel material into appropriate container for disposal.

Clean-up methods: Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

7. HANDLING AND STORAGE

Handling: Keep out of the reach of children. Use only in well-ventilated areas. Do not puncture the container. Do not handle or store near an open flame, heat or other sources of ignition. Product to be stored below 95° F.

Storage: For safe storage, store at or below 50.0 °C (122°F)
Store in a cool, dry, well-ventilated area.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Acetone	500 ppm TWA 750 ppm STEL	1,000 ppm (2,400 mg/m ³) TWA	None	None
n-Hexane	(SKIN) 50 ppm TWA	500 ppm (1,800 mg/m ³) TWA	None	None
Propane	1,000 ppm TWA	1,000 ppm (1,800 mg/m ³) TWA	None	None
n-Butane, containing >= 0,1 % butadiene	1,000 ppm TWA	None	None	None

Engineering controls: Use only in well ventilated areas.

Respiratory protection: No special measures required if used properly.

Eye/face protection: Protective goggles

Skin protection: Protective clothing that covers arms and legs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Sprayable
Color: white
Odor: of solvent
Odor threshold: Not available
pH: Not available
Vapor pressure: None identified.
Boiling point/range: Not available
Melting point/ range: Not available
Specific gravity: 0.6350
Vapor density: Not available
Flash point: Not available
Flame projection: 91.44 cm (36inch)
Flammable/Explosive limits - lower: Not available
Flammable/Explosive limits - upper: Not available
Autoignition temperature: Not available
Evaporation rate: > 1.00 (Butyl acetate = 1)
Solubility in water: insoluble in water
Partition coefficient (n-octanol/water): Not available
VOC content: 64.96 %

10. STABILITY AND REACTIVITY

Stability: Not available

Hazardous reactions: Will not occur.

Hazardous decomposition products: Carbon dioxide. carbon monoxide Hydrocarbons

Incompatible materials: Strong oxidizing agents.

Conditions to avoid: Temperatures over appr. 50 °C

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Acetone	No	No	No
n-Hexane	No	No	No
Propane	No	No	No
n-Butane, containing >= 0,1 % butadiene	No	No	No

Hazardous components	Health Effects/Target Organs
Acetone	Blood, Central nervous system, Irritant, Reproductive
n-Hexane	Developmental, Irritant, Lung, Nervous System, Reproductive
Propane	Cardiac, Central nervous system, Irritant
n-Butane, containing >= 0,1 % butadiene	Cardiac, Central nervous system, Irritant

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of waste and residues in accordance with local authority requirements. List in National Hazardous Waste Catalogue.

Hazardous waste number: Not available

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Aerosols
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
Exception: **Consumer Commodity ORM-D**

International Air Transportation (ICAO/IATA)

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS (Hexane)
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
Marine pollutant: Hexane

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: One or more components of this product are not listed on the U.S. Toxic Substances Control Act (TSCA) inventory. As such, this product may only be used for research and development purposes as described in 40 CFR 720.36. All other components of this product are listed or are exempt from listing.

TSCA 12(b) Export Notification: None above reporting de minimus

CERCLA/SARA Section 302 EHS: None above reporting de minimus
CERCLA/SARA Section 311/312: Not available
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). n-Hexane (CAS# 110-54-3).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

Prepared by: Karim Nasr, Regulatory Affairs Specialist

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