



Revision Number: 0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite Professional Performance **IDH number:** 1418862
Product type: Spray Adhesive **Region:** United States
Company address: Henkel Corporation **Contact information:**
 One Henkel Way Telephone: 800.624.7767
 Rocky Hill, Connecticut 06067 Emergency telephone: 800.424.9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	liquid	HEALTH:	2
Color:	Off white	FLAMMABILITY:	4
Odor:	Solvent	PHYSICAL HAZARD:	0
		Personal Protection:	Not available

DANGER: EXTREMELY FLAMMABLE.
 VAPOR MAY CAUSE FLASH FIRE.
 HARMFUL IF INHALED.

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Inhalation: May be harmful if inhaled.
Skin contact: Prolonged and/or repeated skin contact may result in mild irritation or redness. Repeated or prolonged contact can result in drying of skin. Symptoms may include redness, burning, drying, cracking and skin burns.
Eye contact: Symptoms can include irritation, redness, scratching of the cornea, and tearing. Mild eye irritation.
Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure: Other pre-existing skin conditions. Blood disorders.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Acetone	67-64-1	10 - 30
Methyl acetate	79-20-9	1 - 5
n-Heptane	142-82-5	5 - 10
Toluene	108-88-3	10 - 30
Propane	74-98-6	30 - 60
n-Butane, containing >= 0,1 % butadiene	106-97-8	10 - 30

4. FIRST AID MEASURES

Inhalation: Move to fresh air. In case of adverse health effects seek medical advice.

Skin contact:	Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention. Remove contaminated clothes.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	If material is ingested, immediately contact a physician or poison control center. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.
Notes to physician:	This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

5. FIRE FIGHTING MEASURES

Flash point:	Not available
Autoignition temperature:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Extinguishing media:	Carbon dioxide. Alcohol-resistant foam Dry powder.
Special firefighting procedures:	Not available
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:	Not available
Clean-up methods:	Absorb spill with inert material. Shovel material into appropriate container for disposal. Follow all local, state, federal and provincial regulations for disposal.

7. HANDLING AND STORAGE

Handling:	Keep out of the reach of children. Keep in a cool, well ventilated area. Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains. Avoid skin and eye contact. Avoid breathing vapors or mists of this product. Do not puncture or incinerate pressurized containers.
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/m3) TWA	None	None
Methyl acetate	200 ppm TWA 250 ppm STEL	200 ppm (610 mg/m3) TWA	None	None
n-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m3) TWA	None	None
Toluene	20 ppm TWA	200 ppm TWA 300 ppm Ceiling 500 ppm MAX. CONC 10 minutes	None	None
Propane	1,000 ppm TWA	1,000 ppm (1,800 mg/m3) TWA	None	None
n-Butane, containing >= 0,1 % butadiene	1,000 ppm TWA	None	None	None

Engineering controls:	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Respiratory protection:	Use a NIOSH approved respirator if ventilation is inadequate.
Eye/face protection:	Safety goggles or safety glasses with side shields.
Skin protection:	Protective clothing that covers arms and legs.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	liquid
Color:	Off white
Odor:	Solvent
Odor threshold:	Not available
pH:	Not applicable
Vapor pressure:	Not available
Boiling point/range:	Not available
Melting point/ range:	Not available
Specific gravity:	0.8420
Vapor density:	Not available
Flash point:	Not available
Flammable/Explosive limits - lower:	Not available
Flammable/Explosive limits - upper:	Not available
Autoignition temperature:	Not available
Evaporation rate:	Not available
Solubility in water:	insoluble in water
Partition coefficient (n-octanol/water):	Not available
VOC content:	54.80 %

10. STABILITY AND REACTIVITY

Stability:	Not available
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Carbon dioxide. Carbon monoxide. Hydrocarbons.
Incompatible materials:	Not available
Conditions to avoid:	Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Acetone	No	No	No
Methyl acetate	No	No	No
n-Heptane	No	No	No
Toluene	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
Methyl acetate	Blood, Central nervous system, Eyes, Irritant
n-Heptane	Central nervous system, Irritant
Toluene	Behavioral, Cardiac, Central nervous system, Developmental, Ear, Irritant
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

Recommended method of disposal: Dispose of waste and residues in accordance with local, state and Federal authority requirements.

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
Exceptions: 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/MDG)

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

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: N-Heptane (CAS# 142-82-5).Methyl acetate (CAS# 79-20-9).

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). Toluene (CAS# 108-88-3).

California Proposition 65:

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: KNasr, Regulatory Affairs Specialist

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