



Revision Number: 000.0

Issue date: 05/21/2010

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite High Performance Spray Adhesive
Product type: Adhesive
IDH number: 1408028
Region: United States
Company address: Henkel Corporation, One Henkel Way, Rocky Hill, Connecticut 06067
Contact information: Telephone: 800.624.7767
 For Chemical Emergency: Call CHEMTREC at 800.424.9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	liquid	HMIS:	
Color:	Whitish	HEALTH:	1
Odor:	Solvent	FLAMMABILITY:	4
		PHYSICAL HAZARD:	0
		Personal Protection:	Not available

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

Relevant routes of exposure: Skin, Eyes, Inhalation

Potential Health Effects

Inhalation: May cause respiratory tract irritation. Vapours may cause drowsiness and dizziness.
Skin contact: Prolonged or repeated contact with this product may dry and/or defat the skin. May cause irritation.
Eye contact: High vapor/aerosol concentrations may be irritating. Exposure to vapor may cause tearing of the eyes, irritation and burning sensation.
Ingestion: May be harmful if swallowed.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders. Existing conditions aggravated by exposure:

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
n-Hexane	110-54-3	5 - 10
Acetone	67-64-1	10 - 30
Petroleum gases, liquified, sweetened	68476-86-8	30 - 60
Pentane	109-66-0	10 - 30

4. FIRST AID MEASURES

Inhalation: Not available
Skin contact: Immediately wash skin thoroughly with soap and water. Remove contaminated clothes.

Eye contact: Flush eyes with plenty of water for at least 5 minutes. If irritation persists seek medical attention.

Ingestion: Not available

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: Not available

Special firefighting procedures: Not available

Unusual fire or explosion hazards: Not available

Hazardous combustion products: Carbon dioxide. Carbon monoxide. Hydrocarbons.

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

Clean-up methods: Follow all local, state, federal and provincial regulations for disposal.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact. Keep out of the reach of children. Use only in well-ventilated areas. Avoid breathing vapors or mists of this product. Do not handle or store near an open flame, heat or other sources of ignition. Avoid all ignition sources in storing and handling this material. Keep cool in accordance with label instructions. Wear protective equipment when handling. Wash thoroughly after handling. Keep in a cool, well ventilated area. Do not puncture or incinerate pressurized containers.

Storage: For safe storage, store at or below 50.0 °C (122°F)

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
n-Hexane	(SKIN) 50 ppm TWA	500 ppm (1,800 mg/m3) TWA	None	None
Acetone	500 ppm TWA 750 ppm STEL	1,000 ppm (2,400 mg/m3) TWA	None	None
Petroleum gases, liquified, sweetened	None	None	None	None
Pentane	600 ppm TWA	1,000 ppm (2,950 mg/m3) TWA	None	None

Engineering controls: Provide adequate ventilation.

Respiratory protection: Suitable breathing mask when there is inadequate ventilation.

Eye/face protection: Wear protective glasses.

Skin protection: Wear protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: liquid
Color: Whitish
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: 0.7591
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: > 1.00 (Butyl acetate = 1)
Solubility in water: insoluble in water
Partition coefficient (n-octanol/water): Not available
VOC content: 63.87 %

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Will not occur.
Hazardous decomposition products: Carbon dioxide. Hydrocarbons Carbon monoxide.
Incompatible materials: Not available
Conditions to avoid: Keep away from sources of ignition and naked flames.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
n-Hexane	No	No	No
Acetone	No	No	No
Petroleum gases, liquified, sweetened	No	No	No
Pentane	No	No	No

Hazardous components	Health Effects/Target Organs
n-Hexane	Developmental, Irritant, Lung, Nervous System, Reproductive
Acetone	Blood, Central nervous system, Irritant, Reproductive
Petroleum gases, liquified, sweetened	No Records
Pentane	Cardiac, Central nervous system, Irritant, Lung

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.

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/IMDG)

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

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: Pentane (CAS# 109-66-0).

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: No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDSL 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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