Revision Number: 002.1

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® 7649™ PRIMER N PART NO. 38402
Product type: Accelerator
IDH number: 548750
Item number: 38402
Region: United States

Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

Contact information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state:	Liquid	**HEALTH:**	*2
Color:	Green	**FLAMMABILITY:**	3
Odor:	Acetone	**PHYSICAL HAZARD:**	0
		Personal Protection:	See MSDS Section 8

DANGER: FLAMMABLE LIQUID AND VAPOR.
CAUSES EYE AND SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

Relevant routes of exposure: Ingestion, Lungs, Eye contact, Skin

Potential Health Effects

Inhalation: Vapors and mists will irritate nose and throat and possibly eyes. May cause respiratory tract irritation. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination. Breathing small amounts during normal handling is not likely to cause harmful effects; breathing large amounts may be harmful.

Skin contact: Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis. May cause skin irritation.

Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.

Ingestion: Harmful if swallowed.

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

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Acetone	67-64-1	60 - 100
2-Ethylhexanoic acid	149-57-5	0.1 - 1

4. FIRST AID MEASURES

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Skin contact: Wash with soap and water.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time.

Ingestion: If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point: -20 °C (-4°F) ; Estimated

Autoignition temperature: 485 °C (905°F)

Flammable/Explosive limits - lower: 2.6 %

Flammable/Explosive limits - upper: 13 %

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.

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: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Store in a partly filled, closed container until disposal. Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.

Storage: For safe storage, store at or below 49 °C (120.2 °F)
Store away from heat, sparks, flames, or other sources of ignition.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

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
2-Ethylhexanoic acid	5 mg/m3 TWA Inhalable fraction and vapor.	None	None	None

Engineering controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Eye/face protection:	Safety goggles or safety glasses with side shields.
Skin protection:	Chemical resistant, impermeable gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Green
Odor:	Acetone
Odor threshold:	Not available
pH:	Not available
Vapor pressure:	172 mm hg (20 °C (68°F))
Boiling point/range:	133 °F (56.1 °C)
Melting point/ range:	Not available
Specific gravity:	0.7936
Vapor density:	2.0
Flash point:	-20 °C (-4°F) ; Estimated
Flammable/Explosive limits - lower:	2.6 %
Flammable/Explosive limits - upper:	13 %
Autoignition temperature:	485 °C (905°F)
Evaporation rate:	1.9 (Ether = 1)
Solubility in water:	Miscible
Partition coefficient (n-octanol/water):	Not available
VOC content:	1.48 %; 11.7 g/l EPA Method 24

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Oxides of nitrogen. Oxides of carbon. Irritating organic vapours.
Incompatible materials:	Strong oxidizing agents. Reducing agents. Acids. Alkali metals.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Acetone	No	No	No
2-Ethylhexanoic acid	No	No	No

Hazardous components	Health Effects/Target Organs
Acetone	Blood, Central nervous system, Irritant, Reproductive
2-Ethylhexanoic acid	Developmental, Eyes, Irritant, Liver, Reproductive

12. ECOLOGICAL INFORMATION

Ecological information:	Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

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

Proper shipping name:	Acetone solution
Hazard class or division:	3
Identification number:	UN 1090
Packing group:	II
DOT Reportable quantity:	Acetone
Exceptions:	Consumer Commodity, ORM-D, (Not more than 1 L)

International Air Transportation (ICAO/IATA)

Proper shipping name:	Acetone solution
Hazard class or division:	3
Identification number:	UN 1090
Packing group:	II
Exceptions:	May Qualify as Consumer Commodity, ID8000, (Not more than 500 ml)

Water Transportation (IMO/IMDG)

Proper shipping name:	ACETONE solution
Hazard class or division:	3
Identification number:	UN 1090
Packing group:	II
Exceptions:	Limited quantity (Not more than 1 L).

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
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:	Delayed Health, Immediate Health, Fire
CERCLA/SARA 313:	None above reporting de minimus
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/NDSL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
WHMIS hazard class:	B.2, D.2.A, D.2.B

16. OTHER INFORMATION

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

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