

View Section : 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16**SECTION 1: CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

(N/A)

Product Name: **Loctite 7649 Primer**
Manufacturer Name: Henkel Corporation
Address: One Henkel Way
 Rocky Hill, Connecticut 06067
 United States
 Emergency telephone: 860.571.5100
 Internet: www.henkelna.com

Product Description: Product type: Accelerator

Business Phone: 860.571.5100
Revision Date: 12/10/2009
 Revision Number: 003.1
Trade Names: LOCTITE® 7649(TM) PRIMER

HMIS:
 HEALTH: *
 Personal Protection: See MSDS Section 8
 IDH number: 209715

Product Codes: 21348

HMIS

HEALTH	2
FIRE	3
REACTIVITY	0
PPE	

[To Top of page](#)

**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

(N/A)

Ingredient Name	CAS#	Ingredient Percent
Acetone EC Index Number: 1	67-64-1	60-100%
Isobutane EC Index Number: 1	75-28-5	10-30%
2-Ethylhexanoic acid EC Index Number: 1	149-57-5	0.1-1%

[To Top of page](#)

**SECTION 3 : HAZARDS IDENTIFICATION**

(N/A)

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

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

Applies to All Ingredients :

Route of Exposure: Inhalation, Skin, Eye contact, Ingestion

Potential Health Effects:

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

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

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. Harmful by inhalation.

Ingestion: Harmful if swallowed.

Aggravation of Pre-Existing Conditions: 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.

[To Top of page](#)



SECTION 4 : FIRST AID MEASURES

: (N/A)

Eye Contact:	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
Skin Contact:	Wash with soap and water. If symptoms develop and persist, get medical attention.
Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.
Ingestion:	If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Get medical attention.

[To Top of page](#)



SECTION 5 : FIRE FIGHTING MEASURES

: (N/A)

Flash Point:	-20 deg C (-4 deg F)
Flash Point Method:	Estimated
Upper Flammable or Explosive Limit:	Not available
Lower Flammable or Explosive Limit:	Not available
Auto Ignition Temperature:	Not available
Extinguishing Media:	Foam, dry chemical or carbon dioxide.
Hazardous Combustion Byproducts:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.
Fire Fighting Instructions:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual Fire Hazards:	Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

[To Top of page](#)



SECTION 6 : ACCIDENTAL RELEASE MEASURES

: (N/A)

Personal Precautions:	Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Spill Cleanup Measures:	Remove all sources of ignition. Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.
Environmental Precautions:	Do not allow product to enter sewer or waterways.

[To Top of page](#)



SECTION 7 : HANDLING and STORAGE

: (N/A)

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 deg C (120.2 deg 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.

[To Top of page](#)



SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

: (N/A)

Engineering Controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
Skin Protection Description:	Neoprene, Butyl-rubber, or nitrile-rubber gloves. Chemical resistant, impermeable gloves.
Eye/Face Protection:	Safety goggles or safety glasses with side shields.
Respiratory Protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Exposure Limits:	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: Acetone AIHA WEEL: None OTHER: None Hazardous components: Isobutane AIHA WEEL: None OTHER: None Hazardous components: 2-Ethylhexanoic acid AIHA WEEL: None OTHER: None

Ingredient Guidelines

Ingredient: 2-Ethylhexanoic acid

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	5 mg/m3 Inhalable fraction and vapor.
Guideline Type:	OSHA PEL-TWA
Guideline Information:	None

Ingredient: Acetone

Guideline Type:	ACGIH TLV-TWA
Guideline Information:	500 ppm

Guideline Type: ACGIH TLV-STEL
Guideline Information: 750 ppm
Guideline Type: OSHA PEL-TWA
Guideline Information: 1,000 ppm (2,400 mg/m3)

Ingredient: Isobutane

Guideline Type: ACGIH TLV-TWA
Guideline Information: 1,000 ppm
Guideline Type: OSHA PEL-TWA
Guideline Information: None

[To Top of page](#)



SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES

: (N/A)

Color: Green
Odor: Acetone
Physical State: Liquid
pH: Not available
Vapor Pressure: 172 mm hg (68 deg F (20 deg C))
Vapor Density: 2.0
Flash Point: -20 deg C (-4 deg F)
Flash Point Method: Estimated
Auto Ignition Temperature: Not available
Upper Explosive Limit: Not available
Lower Explosive Limit: Not available
Boiling Point: 133 deg F (56.1 deg C)
Melting Point: Not available
Solubility: In water: Soluble
Specific Gravity: 0.7936
Evaporation Point: 1.9 (Ether = 1)
Volatile Organic Compound Content: 1.48 %; 11.7 g/l EPA Method 24
Odor Threshold: Not available
Coefficient of Water/Oil Distribution: Partition coefficient (n-octanol/water): Not available

[To Top of page](#)



SECTION 10 : STABILITY and REACTIVITY

: (N/A)

Chemical Stability: Stable
Conditions to Avoid: See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).
Incompatibilities with Other Materials: Strong oxidizing agents. Acids.
Reactivity: Hazardous reactions: Will not occur.
Hazardous Decomposition Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.

[To Top of page](#)



SECTION 11 : TOXICOLOGICAL INFORMATION

: (N/A)

Acetone :

Carcinogenicity: NTP Carcinogen: No
IARC Carcinogen: No
OSHA Carcinogen (Specifically Regulated): No

Other Toxicological Information: Health Effects/Target Organs: Blood, Central nervous system, Irritant, Reproductive

Isobutane :

Carcinogenicity: NTP Carcinogen: No
IARC Carcinogen: No
OSHA Carcinogen (Specifically Regulated): No

Other Toxicological Information: Health Effects/Target Organs: Cardiac, Central nervous system, Lung

2-Ethylhexanoic acid :

Carcinogenicity: NTP Carcinogen: No
IARC Carcinogen: No
OSHA Carcinogen (Specifically Regulated): No

Other Toxicological Information: Health Effects/Target Organs: Developmental, Eyes, Irritant, Liver, Reproductive

[To Top of page](#)



SECTION 12 : ECOLOGICAL INFORMATION

: (N/A)

Ecological Paragraph: Ecological information: Not available

[To Top of page](#)



SECTION 13 : DISPOSAL CONSIDERATIONS

: (N/A)

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

EPA Waste Number: Hazardous waste number: D001: Ignitable.
Information provided is for unused product only.

**SECTION 14 : TRANSPORT INFORMATION**

: (N/A)

DOT Shipping Information:	U.S. Department of Transportation Ground (49 CFR): Exceptions: Consumer Commodity, (Not more than 1 L), ORM-D
DOT Shipping Name:	Aerosols
DOT Hazard Class:	Division: 2.1
DOT Identification Number:	UN 1950
DOT Packing Group:	None
IMO:	Water Transportation: Exceptions: Limited quantity (Not more than 1 L).
IMO Shipping Name:	AEROSOLS
IMO Hazard Class:	Division: 2.1
IMO UN Number:	Identification number: UN 1950
IMO Packing Group:	None
IATA:	International Air Transportation: Exceptions: (Not more than 30 kg), ID8000, May Qualify as Consumer Commodity
IATA Shipping Name:	Aerosols, flammable
IATA Hazard Class:	Division: 2.1
IATA UN Number:	Identification number: UN 1950
IATA Packing Group:	None
Maritime Transportation CGVS/GGVE/IMDG:	Proper shipping name: AEROSOLS
CGVS/GGVE/IMDG UN or NA Identification Number:	UN 1950
CGVS/GGVE/IMDG Class:	Division: 2.1
CGVS/GGVE/IMDG Packaging Group:	None
	Water Transportation (IMDG): Exceptions: Limited quantity (Not more than 1 L).
	International Air Transportation (ICAO): Proper shipping name: Aerosols, flammable Hazard class or division: 2.1 Identification number: UN 1950 Packing group: None Exceptions: (Not more than 30 kg), ID8000, May Qualify as Consumer Commodity

**SECTION 15 : REGULATORY INFORMATION**

: (N/A)

Applies to all ingredients:

TSCA 8(b): Inventory Status:	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	TSCA 12(b) Export Notification: None above reporting de minimus
Section 302:	CERCLA/SARA Section 302 EHS: None above reporting de minimus
Section 312 Hazard Category:	CERCLA/SARA Section 311/312:
Acute:	Yes
Chronic:	Yes
Fire:	Yes
Section 313 Toxic Release Form:	CERCLA/SARA 313: None above reporting de minimus
OSHA 29 CFR 1200:	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
State:	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 WHMIS:	CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List. WHMIS hazard class: A, B.5, D.2.A, D.2.B

**SECTION 16 : ADDITIONAL INFORMATION**

: (N/A)

HMIS:	
Health Hazard:	2
Fire Hazard:	3
Reactivity:	0
MSDS Revision Date:	12/10/2009 Revision Number: 003.1
	This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.
MSDS Author:	Prepared by: Kyra Kozak Woods, Manager, Regulatory Affairs

Disclaimer:

The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel Corporation's products. In light of the foregoing, Henkel Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation further disclaims any liability for consequential or incidental damages of any kind, including lost profits.

HMIS:
HEALTH: *
Personal Protection: See MSDS Section 8

Copyright© 1996-2009 Actio Corporation. All Rights Reserved.

[To Top of page](#)

