



Revision Number: 007.1

Issue date: 08/20/2025

1. IDENTIFICATION

Product name: LOCTITE SF 7701 PRIMER known as LOCTITE® 7701™ PRIMER PRISM®
Product type/ Recommended use: Primer, containing solvents
Restriction of Use: None identified
Company address: Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067

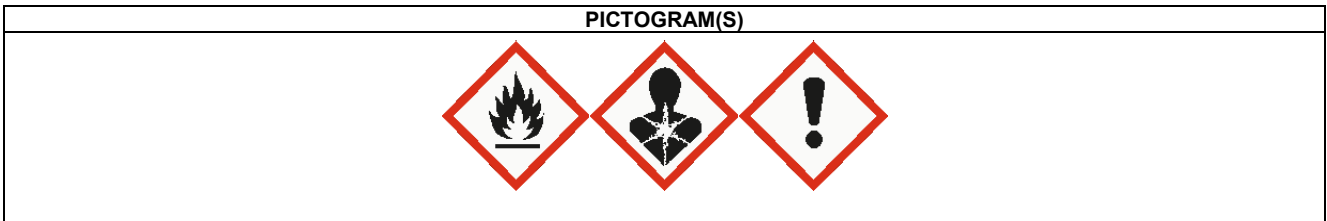
IDH number: 88195
Item number: 19886
Region: United States
Contact information:
 Telephone: +1 (860) 571-5100
 MEDICAL EMERGENCY Phone: Poison Control Center
 1-877-671-4608 (toll free) or 1-303-592-1711
 TRANSPORT EMERGENCY Phone: CHEMTREC
 1-800-424-9300 (toll free) or 1-703-527-3887
 MEDICAL EMERGENCY Phone: Poison Control Center
 1-877-671-4608 (toll free) or 1-303-592-1711
 TRANSPORT EMERGENCY Phone: CHEMTREC
 1-800-424-9300 (toll free) or 1-703-527-3887
 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H225 - HIGHLY FLAMMABLE LIQUID AND VAPOUR.
 H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 H315 - CAUSES SKIN IRRITATION.
 H319 - CAUSES SERIOUS EYE IRRITATION.
 H336 - MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	2
SKIN IRRITATION	2
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
ASPIRATION HAZARD	1



Precautionary Statements

Prevention: P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.
 P233 - Keep container tightly closed.
 P240 - Ground and bond container and receiving equipment.
 P241 - Use explosion-proof equipment.
 P242 - Use non-sparking tools.
 P243 - Take action to prevent static discharges.
 P261 - Avoid breathing mist/vapours.
 P264 - Wash affected area thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.

Response: P280 - Wear protective gloves, clothing, eye and face protection.
 P301+P310 - IF SWALLOWED: Immediately call a physician or poison control center.
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.
 P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage: P331 - Do NOT induce vomiting.
 P332+P313 - If skin irritation occurs: Get medical attention.
 P337+P313 - If eye irritation persists: Get medical attention.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
 P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
 P403+P235 - Store in a well-ventilated place. Keep cool.
 P405 - Store locked up.
Disposal: P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Weight %*
n-Heptane	142-82-5	80 - 100
Methylcyclohexane	108-87-2	0.1 - 1
1,8-Diazabicyclo[5.4.0]undec-7-ene	6674-22-2	0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

Inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

Skin contact: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects (acute and delayed): The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.

Indication of any immediate medical attention / special treatment needed: Aspiration may cause pulmonary edema or aspiration pneumonia.

5. FIRE FIGHTING MEASURES

Extinguishing media: Dry chemical. Carbon dioxide. foam

Improper extinguishing agents: Not available.

Special firefighting procedures: Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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.

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. Remove all sources of ignition.

Clean-up methods:

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.

7. HANDLING AND STORAGE

Handling:

Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage:

For safe storage, store at or below 49 °C (120.2 °F)
Store away from ignition sources. Keep in a cool, well ventilated area. Keep container closed.

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 Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
n-Heptane	200 ppm TWA 400 ppm STEL	500 ppm (2,000 mg/m3) PEL	None	None

Engineering controls:

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respirator use (29 CFR 1910.134).

Eye/face protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Clear, Colourless / Colorless
Odor:	Aliphatic
Odor threshold:	Not available.
pH:	Not applicable, Product is non-soluble (in water).
Vapor pressure:	47 hPa (20 °C (68°F)) 188 hPa (50 °C (122°F))
Boiling point/range:	96 - 98 °C (204.8 - 208.4 °F)
Melting point/ range:	Not applicable, Product is a liquid
Density/Relative density:	0.68
Relative vapor density:	3.45 20 °C Heavier than air.
Flash point:	-2 °C (28.4 °F) Tagliabue closed cup
Flammable/Explosive limits - lower:	1.1 %
Flammable/Explosive limits - upper:	6.7 %
Autoignition temperature:	Not available.
Flammability:	Flammable liquid
Evaporation rate:	2.7 (Ether = 1)
Solubility:	Not miscible Water
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	99.9 %; 680 g/l
Dynamic viscosity:	Not available.

Kinematic viscosity: < 1 mm²/s
Particle characteristics: Not applicable, Product is a liquid
Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Will not occur.
Hazardous decomposition products: Oxides of carbon.
Incompatible materials: Oxidizing agents. Acids.
Reactivity: Not available.
Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Central nervous system effects. Residue remaining after evaporation of the solvent is destructive to mucous membranes.
Skin contact: Causes skin irritation. Residue remaining after evaporation of the solvent is destructive to skin. Redness.
Eye contact: Causes serious eye irritation. Residue remaining after evaporation of the solvent is destructive to eyes.
Ingestion: This product may be fatal if it is swallowed. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis. Ingestion may cause irritation to mucous membranes.

Hazardous Component(s)	LD50s and LC50s
n-Heptane	Inhalation LC50 (Rat, 4 h) = > 73.5 mg/l Inhalation LC50 (Rat, 4 h) = > 29.29 mg/l
Methylcyclohexane	None
1,8-Diazabicyclo[5.4.0]undec-7-ene	None

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
n-Heptane	Irritant		Central nervous system
Methylcyclohexane	Irritant		Central nervous system Kidney Liver
1,8-Diazabicyclo[5.4.0]undec-7-ene			

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
n-Heptane	No	No	No
Methylcyclohexane	No	No	No
1,8-Diazabicyclo[5.4.0]undec-7-ene	No	No	No

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.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

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

Proper shipping name: Heptanes solution
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Marine pollutant: n-Heptane

International Air Transportation (ICAO/IATA)

Proper shipping name: Heptanes solution
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Exceptions: (Not more than 500 ml), May Qualify as Consumer Commodity, ID8000

Water Transportation (IMO/IMDG)

Proper shipping name: HEPTANES solution
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Marine pollutant: n-Heptane
Exceptions: Limited quantity (Not more than 1 L).

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification: None above reporting de minimis
CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Please refer to the GHS classification in Section 2
CERCLA/SARA Section 313: None above reporting de minimis.
CERCLA Reportable quantity: n-Heptane (CAS# 142-82-5) 100 lbs. (45.4 kg)

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/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.

16. OTHER INFORMATION

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

Prepared by: Product Safety and Regulatory Affairs

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