

(10840)

Material Safety Data Sheet



Revision Number: 005.0

Issue date: 08/24/2011

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	LOCTITE® 770™ Primer Prism® PART NO/ 18396	IDH number:	135266
Product use:	Primer	Item number:	18396
		Region:	Canada
Company address:	Contact information:		
Henkel Canada Corporation	Telephone: 905.814.6511		
2225 Meadowpine Boulevard	MEDICAL EMERGENCY Phone: Poison Control Center		
Mississauga, Ontario L5N 7P2	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	
Physical state:	Liquid
Color:	Transparent, colourless, clear
Odor:	Aliphatic
	WHMIS hazard class: B.2, D.2.B
DANGER:	FLAMMABLE! HARMFUL IF INHALED. HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION. VAPOR MAY CAUSE FLASH FIRE.

Relevant routes of exposure: Ingestion, Skin, Lungs, Eyes

Potential Health Effects

Inhalation:	Residue remaining after evaporation of the solvent is destructive to mucous membranes. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Central nervous system effects.
Skin contact:	May cause irritation due to defatting of the skin. Residue remaining after evaporation of the solvent is destructive to skin. Redness.
Eye contact:	Residue remaining after evaporation of the solvent is destructive to eyes. Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion:	Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis. Ingestion may cause irritation to mucous membranes.

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

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
n-Heptane	142-82-5	60 - 100

4. FIRST AID MEASURES

Inhalation: If symptoms develop and persist, get medical attention. Move to fresh air.

IDH number: 135266

APPROVED MATERIAL

OCT 04 2011

MSDS # 10840

APPROVED BY [Signature]

Product name: LOCTITE® 770™ Primer Prism® PART NO/ 18396
Page 1 of 5

Skin contact:	Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse.
Eye contact:	Get medical attention. Immediately flush eyes with plenty of water for at least 15 minutes.
Ingestion:	Do not induce vomiting. Get medical attention.
Notes to physician:	Aspiration may cause pulmonary edema or aspiration pneumonia.

5. FIRE FIGHTING MEASURES

Flash point:	-2 °C (28.4 °F)
Autoignition temperature:	Not available.
Flammable/Explosive limits - lower:	1.1 %
Flammable/Explosive limits - upper:	6.7 %
Extinguishing media:	foam Carbon dioxide. Dry chemical.
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. Oxides of nitrogen.
Sensitivity to Mechanical Impact:	Not available.
Sensitivity to static discharge:	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:	Remove all sources of ignition. Do not allow product to enter sewer or waterways.
Clean-up methods:	Ensure adequate ventilation. Store in a partly filled, closed container until disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling:	Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.
Storage:	For safe storage, store between 0 °C (32°F) and 49 °C (120.2 °F) Keep in a cool, well ventilated area. Keep container closed. Store away from ignition sources.

For information on product shelf life contact Henkel Canada Customer Service at (905) 814-6511.

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-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m ³) TWA	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 respiratory use (29 CFR 1910.134).

Eye/face protection: Safety glasses with side-shields. Goggles.

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: Transparent, colourless, clear
Odor: Aliphatic
Odor threshold: Not available.
pH: Not available.
Vapor pressure: 35 mm hg (20 °C (68°F))
Boiling point/range: Not available.
Melting point/ range: Not available.
Specific gravity: 0.68
Vapor density: 3.45
Flash point: -2 °C (28.4 °F)
Flammable/Explosive limits - lower: 1.1 %
Flammable/Explosive limits - upper: 6.7 %
Autoignition temperature: Not available.
Evaporation rate: 2.7 (Ether = 1)
Solubility in water: Not miscible
Partition coefficient (n-octanol/water): Not available.
VOC content: 99.9 %; 680 g/l

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous reactions: Will not occur.

Hazardous decomposition products: No data

Incompatible materials: Acids. Oxidizing agents.

Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Toxicologically synergistic products: Not available.

Refer to the following for Irritancy of Product, Sensitization to Product, Carcinogenicity, Reproductive Toxicity, Teratogenicity, and Mutagenicity.

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)	ACGIH Carcinogen
n-Heptane	No	No	No	No

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
n-Heptane	Inhalation LC50 (RAT, 4 h) = 103 mg/l	Central nervous system, Irritant

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 shipping classification in this section are for bulk packaging only. Shipping classification may be different for non-bulk packaging as exceptions may apply. Refer to shipping documents for package specific transportation classification.

Canada Transportation of Dangerous Goods - Ground

Proper shipping name: HEPTANES
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Exceptions: May qualify as a Consumer Commodity or Limited Quantity. Refer to TDG regulations.

International Air Transportation (ICAO/IATA)

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

Water Transportation (IMO/IMDG)

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

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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.

16. OTHER INFORMATION

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

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulation (CPR), and the MSDS contains all the information required by the CPR.

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.