

(10730)

Material Safety Data Sheet



Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® 330™ DEPEND® NO-MIX ADHESIVE
 Product use: Adhesive
 Company address: Henkel Canada Corporation, 2515 Meadowpine Boulevard, Mississauga, Ontario L5N 6C3

IDH number: 691334
 Item number: 7500206
 Region: Canada
 Contact information: Telephone: 905.814.6511, Poison Control Center: 1-877-671-4608, For transportation emergencies, CHEMTREC: 1-800-424-9300, Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state: Liquid
 Color: Amber
 Odor: Sharp, Irritating
 WHMIS hazard class: B.3, D.2.B

WARNING: COMBUSTIBLE LIQUID AND VAPOR. CAUSES EYE IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.

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

Potential Health Effects

Inhalation: May cause respiratory tract irritation. May cause irritation to nose and throat.
 Skin contact: May cause allergic skin reaction. May cause skin irritation.
 Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
 Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed.

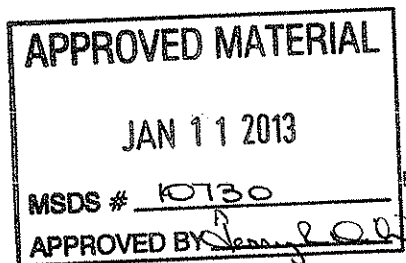
Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
Tetrahydrofurfuryl methacrylate	2455-24-5	30 - 60
Chlorosulphonated polyethylene	68037-39-8	10 - 30
Methacrylic acid	79-41-4	5 - 10
2-Ethylhexyl methacrylate	688-84-6	5 - 10
Epichlorohydrin-4,4'-isopropylidene diphenol resin	25068-38-6	1 - 5
1,3-Butylene glycol dimethacrylate	1189-08-8	1 - 5
Talc	14807-96-6	0.1 - 1

Under the Clean Air Act this product is exempted from labeling as an ozone depleting chemical (40 CFR 82.106(b)(1)).



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4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Skin contact:	Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Keep individual calm. Never give anything by mouth to an unconscious person. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash point:	83 °C (181.4 °F) Tagliabue closed cup
Autoignition temperature:	Not available.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
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:	Not available.
Hazardous combustion products:	Oxides of carbon. Irritating organic vapours.
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:	Do not allow product to enter sewer or waterways.
Clean-up methods:	Ensure adequate ventilation. Remove all sources of ignition. 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:	Keep away from heat, spark and flame. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. Use only with adequate ventilation.
Storage:	For safe storage, store at or below 38 °C (100.4 °F) Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

For information on product shelf life contact Henkel Canada Customer Service at 800-263-5043.

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
Tetrahydrofurfuryl methacrylate	None	None	None	None
Chlorosulphonated polyethylene	None	None	None	None
Methacrylic acid	20 ppm TWA	None	None	None
2-Ethylhexyl methacrylate	None	None	None	None
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None	None	None	None
1,3-Butylene glycol dimethacrylate	None	None	None	None
Talc	2 mg/m ³ TWA Respirable fraction.	2.4 MPPCF TWA Respirable. 0.1 mg/m ³ TWA Respirable. 20 MPPCF TWA 0.3 mg/m ³ TWA Total dust.	None	50 ppm

Engineering controls:	Provide adequate local exhaust ventilation to maintain worker exposure below 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. Full face protection should be used if the potential for splashing or spraying of product exists.
Skin protection:	Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Amber
Odor:	Sharp, Irritating
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	< 10 mm hg (26.7 °C (80.1 °F))
Boiling point/range:	> 148.9 °C (> 300°F)
Melting point/ range:	Not available.
Specific gravity:	1.16
Vapor density:	Not available.
Flash point:	83 °C (181.4 °F) Tagliabue closed cup
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Evaporation rate:	Not available.
Solubility in water:	Slight
Partition coefficient (n-octanol/water):	Not available.
VOC content:	1.59 %; 18.4 g/l

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of sulfur. Toxic chlorides. Irritating organic vapours.
Incompatible materials:	Strong oxidizing agents. Strong reducing agents. Strong acids. Alkalis. Free radical initiators. Oxygen scavengers.
Conditions to avoid:	Keep away from heat, ignition sources and incompatible materials. Direct sunlight. UV light. Freezing conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral product toxicity:	LD50 (rat) > 10,000 mg/kg
Acute dermal product toxicity:	LD50 (rabbit) > 4,000 mg/kg
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
Tetrahydrofurfuryl methacrylate	No	No	No	No
Chlorosulphonated polyethylene	No	No	No	No
Methacrylic acid	No	No	No	No
2-Ethylhexyl methacrylate	No	No	No	No
Epichlorohydrin-4,4'-isopropylidene diphenol resin	No	No	No	No
1,3-Butylene glycol dimethacrylate	No	No	No	No
Talc	No	No	No	Group A4

Hazardous components	LD50s and LC50s	Health Effects/Target Organs
Tetrahydrofurfuryl methacrylate	None	Irritant, Allergen
Chlorosulphonated polyethylene	None	No Target Organs
Methacrylic acid	Oral LD50 (RAT) = 2,224 mg/kg Oral LD50 (RAT) = 1,060 mg/kg Oral LD50 (rabbit) = 1,200 mg/kg Dermal LD50 (rabbit) = 500 mg/kg Inhalation LC50 (RAT, 4 h) = 7.1 mg/l	Corrosive, Irritant, Allergen
2-Ethylhexyl methacrylate	Oral LD50 (RAT) > 2,000 mg/kg	Irritant, Allergen
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None	Allergen, Irritant
1,3-Butylene glycol dimethacrylate	None	Irritant, Allergen
Talc	None	Irritant, Lung, Some evidence of carcinogenicity

12. ECOLOGICAL INFORMATION

Ecological information:	Not available.
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13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

14. TRANSPORT INFORMATION

The shipping classifications in this sections are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

Canada Transportation of Dangerous Goods - Ground

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None
Additional information:	IMDG-Code: Segregation group 18- Alkalis

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: 1,7,14,16

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.

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