



Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name:	LOCTITE® NO MORE LEAKS ded Plastic Pipe Sealant	IDH number:	235250
Product type:	Sealant	Item number:	80726
Company address:	Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067	Region:	United States
		Contact information:	Telephone: 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 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical state:	Liquid or paste	HEALTH:	*2
Color:	White	FLAMMABILITY:	3
Odor:	Ester-like	PHYSICAL HAZARD:	0
		Personal Protection:	See MSDS Section 8

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

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

Potential Health Effects

Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Skin contact:	May cause skin irritation.
Eye contact:	Contact with eyes will cause irritation.
Ingestion:	May cause irritation to the gastrointestinal tract, mouth and mucous membranes.

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	%
Talc	14807-96-6	30 - 60
Rosin, fumaric acid, pentaerythritol polymer	65997-11-7	10 - 30
Methyl acetate	79-20-9	10 - 30
Oleic acid 5.5EO	9004-96-0	10 - 30
Titanium dioxide	13463-67-7	1 - 5
Quartz (SiO ₂)	14808-60-7	0.1 - 1
Methanol	67-56-1	0.1 - 1
Aluminium hydroxide	21645-51-2	0.1 - 1
Silicon dioxide	7631-86-9	0.1 - 1

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
Skin contact:	Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). 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 unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash point:	16 °C (60.8 °F)
Autoignition temperature:	398.3 °C (748.94 °F) Estimated
Flammable/Explosive limits - lower:	2.3 %
Flammable/Explosive limits - upper:	12.7 %
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special firefighting procedures:	None
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Irritating organic fragments.

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 material to contaminate ground water system.
Clean-up methods:	Remove all sources of ignition. Maintain good ventilation for large spills. 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:	Use only with adequate ventilation. Keep away from heat, spark and flame. Do not get in eyes. Do not get on skin or clothing.
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Storage:

Store in original container until ready to use. 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
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
Rosin, fumaric acid, pentaerythritol polymer	None	None	None	None
Methyl acetate	200 ppm TWA 250 ppm STEL	200 ppm (610 mg/m ³) TWA	None	None
Oleic acid 5.5EO	None	None	None	None
Titanium dioxide	10 mg/m ³ TWA	15 mg/m ³ TWA Total dust.	None	None
Quartz (SiO ₂)	0.025 mg/m ³ TWA Respirable fraction.	2.4 MPPCF TWA Respirable. 0.1 mg/m ³ TWA Respirable. 0.3 mg/m ³ TWA Total dust.	None	None
Methanol	200 ppm TWA (SKIN) 250 ppm STEL	200 ppm (260 mg/m ³) TWA	None	None
Aluminium hydroxide	10 mg/m ³ TWA (as Al) Total dust. 1 mg/m ³ TWA Respirable fraction.	15 mg/m ³ TWA (as Al) Total dust. 5 mg/m ³ TWA (as Al) Respirable fraction.	None	None
Silicon dioxide	6 mg/m ³ TWA	20 MPPCF TWA 0.8 mg/m ³ TWA	None	3 mg/m ³ TWA Respirable fraction.

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:

Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid or paste
Color:	White
Odor:	Ester-like
Odor threshold:	Not available.
pH:	Not applicable
Vapor pressure:	Not available.
Boiling point/range:	82.2 °C (180°F)
Melting point/ range:	Not available.
Specific gravity:	1.42
Vapor density:	2.07
Flash point:	16 °C (60.8 °F)

Flammable/Explosive limits - lower: 2.3 %
Flammable/Explosive limits - upper: 12.7 %
Autoignition temperature: 398.3 °C (748.94 °F) Estimated
Evaporation rate: 7.7 (Ether = 1)
Solubility in water: Partially soluble
Partition coefficient (n-octanol/water): Not determined
VOC content: 0 %; 0 g/l EPA Method 24

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Will not occur.
Hazardous decomposition products: Irritating organic vapours.
Incompatible materials: Oxidizing agents.
Conditions to avoid: Heat, flames, sparks and other sources of ignition.

11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Talc	No	No	No
Rosin, fumaric acid, pentaerythritol polymer	No	No	No
Methyl acetate	No	No	No
Oleic acid 5.5EO	No	No	No
Titanium dioxide	No	Group 2B	No
Quartz (SiO ₂)	Known To Be Human Carcinogen.	Group 1	No
Methanol	No	No	No
Aluminium hydroxide	No	No	No
Silicon dioxide	No	No	No

Hazardous components	Health Effects/Target Organs
Talc	Irritant, Lung, Some evidence of carcinogenicity
Rosin, fumaric acid, pentaerythritol polymer	No Records
Methyl acetate	Blood, Central nervous system, Eyes, Irritant
Oleic acid 5.5EO	Irritant
Titanium dioxide	Irritant, Respiratory, Some evidence of carcinogenicity
Quartz (SiO ₂)	Immune system, Lung, Some evidence of carcinogenicity
Methanol	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive
Aluminium hydroxide	Irritant, Lung, Respiratory
Silicon dioxide	Nuisance dust

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: Resin solution
Hazard class or division: 3
Identification number: UN 1866
Packing group: II

International Air Transportation (ICAO/IATA)

Proper shipping name: Resin solution
Hazard class or division: 3
Identification number: UN 1866
Packing group: II
Exceptions: (Not more than 500 ml), Consumer Commodity, ID 8000, Class 9

Water Transportation (IMO/IMDG)

Proper shipping name: RESIN SOLUTION
Hazard class or division: 3
Identification number: UN 1866
Packing group: II

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: Methyl acetate (CAS# 79-20-9).
CERCLA/SARA Section 302 EHS: None above reporting de minimis
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health, Fire
CERCLA/SARA 313: None above reporting de minimis
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: 1, 2, 9

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