

ITEM: 1LLP8 - Threadlocker 2760(TM) 10mL Bottle

PICK_REQ: 1313318767

SAFETY DATA SHEET (SDS)

SDS: D8113

This SDS should be attached or kept with the respective product with which it is associated.

SDS - D8113

Associated Items
1LLP8

SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 004.1

ISSUE DATE: 06/29/2015

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LOCTITE(R) THREADLOCKER 2760 HIGH STRENGTH

IDH NUMBER: 303441

PRODUCT TYPE: ANAEROBIC SEALANT

ITEM NUMBER: 32526

RESTRICTION OF USE: NONE IDENTIFIED

REGION: UNITED STATES

COMPANY ADDRESS:
HENKEL CORPORATION
ONE HENKEL WAY
ROCKY HILL, CONNECTICUT 06067

CONTACT INFORMATION:

TELEPHONE: (860) 571-5100

MEDICAL EMERGENCY PHONE:
POISON CONTROL CENTER: 1-877-671-4608 (TOLL FREE) OR 1-303-592-1711TRANSPORT EMERGENCY PHONE:
CHEMTREC: 1-800-424-9300 (TOLL FREE) OR 1-703-527-3887

INTERNET: WWW.HENKELNA.COM

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING:
CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

PICTOGRAM(S): EXCLAMATION MARK

PRECAUTIONARY STATEMENTS:

PREVENTION:
AVOID BREATHING VAPORS, MIST, OR SPRAY. WASH THOROUGHLY AFTER HANDLING.
CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.
WEAR EYE AND FACE PROTECTION. WEAR PROTECTIVE GLOVES.

RESPONSE:

IF ON SKIN: WASH WITH PLENTY OF WATER.

IF IN EYES:
RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ATTENTION.

IF EYE IRRITATION PERSISTS:
GET MEDICAL ATTENTION. TAKE OFF CONTAMINATED CLOTHING.

STORAGE: NOT PRESCRIBED

DISPOSAL:
DISPOSE OF CONTENTS AND/OR CONTAINER ACCORDING TO FEDERAL, STATE/PROVINCIAL AND LOCAL GOVERNMENTAL REGULATIONS.

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	PERCENTAGE*
DIMETHACRYLATE ESTER	PROPRIETARY	60 - 100
POLYGLYCOL DIMETHACRYLATE	PROPRIETARY	10 - 30
TREATED FUMED SILICA	67762-90-7	1 - 5
CUMENE HYDROPEROXIDE	80-15-9	0.1 - 1

1-ACETYL-2-PHENYLHYDRAZINE 114-83-0 0.1 - 1

CUMENE 98-82-8 0.1 - 1

* EXACT PERCENTAGE IS A TRADE SECRET. CONCENTRATION RANGE IS PROVIDED TO ASSIST USERS IN PROVIDING APPROPRIATE PROTECTIONS.

4. FIRST AID MEASURES

INHALATION:
MOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. 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. 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 VOMITTING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SYMPTOMS: SEE SECTION 11.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:
WATER SPRAY (FOG), FOAM, DRY CHEMICAL OR CARBON DIOXIDE.SPECIAL FIREFIGHTING PROCEDURES:
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING, SUCH AS TURN-OUT GEAR. IN CASE OF FIRE, KEEP CONTAINERS COOL WITH WATER SPRAY.UNUSUAL FIRE OR EXPLOSION HAZARDS:
UNCONTROLLED POLYMERIZATION MAY OCCUR AT HIGH TEMPERATURES RESULTING IN EXPLOSIONS OR RUPTURE OF STORAGE CONTAINERS.HAZARDOUS COMBUSTION PRODUCTS:
OXIDES OF CARBON. TOXIC FLUORINE COMPOUNDS. IRRITATING ORGANIC VAPOURS.

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:
REMOVE ALL SOURCES OF IGNITION. EVACUATE AND VENTILATE SPILL AREA; DIKE SPILL TO PREVENT ENTRY INTO WATER SYSTEM; WEAR FULL PROTECTIVE EQUIPMENT DURING CLEAN-UP. SOAK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, SILICA GEL, ACID BINDER, UNIVERSAL BINDER, SAWDUST). SCRAPE UP AS MUCH MATERIAL AS POSSIBLE. STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL. REFER TO SECTION 8 "EXPOSURE CONTROLS / PERSONAL PROTECTION" PRIOR TO CLEAN UP.

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. KEEP CONTAINER CLOSED. REFER TO SECTION 8.STORAGE:
FOR SAFE STORAGE, STORE AT OR BELOW 38 DEG. C (100.4 DEG. F)
KEEP IN A COOL, WELL VENTILATED AREA AWAY FROM HEAT, SPARKS AND OPEN FLAME.
KEEP CONTAINER TIGHTLY CLOSED UNTIL READY FOR USE.

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
DIMETHACRYLATE ESTER	NONE	NONE	NONE	NONE
POLYGLYCOL DIMETHACRYLATE	NONE	NONE	NONE	NONE
TREATED FUMED SILICA	10 MG/M3 TWA INHALABLE DUST.	15 MG/M3 TWA TOTAL DUST.	NONE	NONE
	3 MG/M3 TWA RESPIRABLE FRACTION.	5 MG/M3 TWA RESPIRABLE FRACTION.		
CUMENE HYDROPEROXIDE	NONE	NONE	1 PPM (6 MG/M3) TWA (SKIN)	NONE
1-ACETYL-2-PHENYLHYDRAZINE	NONE	NONE	NONE	NONE
CUMENE	50 PPM TWA	50 PPM (245 MG/M3) PEL (SKIN)	NONE	NONE

ENGINEERING CONTROLS:
PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION TO MAINTAIN WORKER EXPOSURE

ORDER: 1313318767 1LLP8 - Threadlocker 2760(TM) 10mL Bottle HAZMAT: 1LLP8

HAZARD MATERIAL WARNING SHEET (HAZMAT)

When shipment is complete, retain for daily Hazmat audit

GRAINGER SHIPPING INFORMATION

STOCK # : 1LLP8
MSDS # : D8113
FREIGHT CODE : CKP
DOT PROPER SHIP NAME : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.,
(ALPHA, ALPHA-DIMETHYLBENZYLHYDROPEROXIDE)

UPS RESTRICTIONS :

HAZARDOUS CLASS NUMBER : 9
UN ID # : UN3082
PACKING GROUP : III
SHIPPING LABEL : Limited Quantity 2S075

LIMITED QUANTITY : YES
CARTON INSTRUCTIONS : CAN REPACK IN GRAINGER S CARTON.
DOT/UPS EXEMPTION NO. :
COMMENTS : HAZARDOUS MATERIAL. DO NOT SHIP AIR!! SHIPPING LABEL
IS 2S075.
SHIPPING-PAPERS : A

PLACARD OFFERED ? YES () NO () PLEASE MARK ONE
ERG# ERG# 171

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. SAFETY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.

SKIN PROTECTION:
USE CHEMICAL RESISTANT, IMPERMEABLE CLOTHING INCLUDING GLOVES AND EITHER AN APRON OR BODY SUIT TO PREVENT SKIN CONTACT. NEOPRENE GLOVES.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID LIQUID

COLOR: RED RED

ODOR: NO VALUATION MILD

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT APPLICABLE

VAPOR PRESSURE: <5 MMHg (27 DEG. C (80.6 DEG. F))

BOILING POINT/RANGE: >149 DEG. C (>300.2 DEG. F)

MELTING POINT/ RANGE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.14

VAPOR DENSITY: NOT AVAILABLE.

FLASH POINT: >93.3 DEG. C (>199.94 DEG. 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: 0.22%; 2.48 G/L

VISCOSITY: NOT AVAILABLE.

DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

10. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS OF STORAGE AND USE.

HAZARDOUS REACTIONS:
NONE UNDER NORMAL PROCESSING. POLYMERIZATION MAY OCCUR AT ELEVATED TEMPERATURE OR IN THE PRESENCE OF INCOMPATIBLE MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON. TOXIC FLUORINE COMPOUNDS. IRRITATING ORGANIC VAPOURS.

INCOMPATIBLE MATERIALS:
STRONG OXIDIZING AGENTS. STRONG REDUCING AGENTS. ALKALIS. OXYGEN
SCAVENGERS. FREE RADICAL INITIATORS. OTHER POLYMERIZATION INITIATORS.

REACTIVITY: NOT AVAILABLE.

CONDITIONS TO AVOID:
ELEVATED TEMPERATURES. HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION.
STORE AWAY FROM INCOMPATIBLE MATERIALS.

11. TOXICOLOGICAL INFORMATION

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, EYES, INGESTION

POTENTIAL HEALTH EFFECTS/SYMPTOMS:

INHALATION:
INHALATION OF VAPORS OR MISTS OF THE PRODUCT MAY BE IRRITATING TO THE RESPIRATORY SYSTEM.

SKIN CONTACT: CAUSES SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL TRACT IRRITATION IF SWALLOWED.

HAZARDOUS COMPONENT(S)	LD50S AND LC50S	IMMEDIATE AND DELAYED HEALTH EFFECTS
DIMETHACRYLATE ESTER	NONE	IRRITANT, ALLERGEN
POLYGLYCOL DIMETHACRYLATE	NONE	ALLERGEN, IRRITANT
TREATED FUMED SILICA	NONE	IRRITANT
CUMENE HYDROPEROXIDE	NONE	ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT, MUTAGEN
1-ACETYL-2-PHENYLHYDRAZINE	NONE	ALLERGEN, BLOOD, KIDNEY, MUTAGEN, SOME EVIDENCE OF CARCINOGENICITY
CUMENE	ORAL LD50 (RAT): 2.91 G/KG ORAL LD50 (RAT): 1,400 MG/KG	CENTRAL NERVOUS SYSTEM, IRRITANT, LUNG

INHALATION LC50
(RAT, 4 H): 8000 PPM

HAZARDOUS COMPONENT(S)	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)
DIMETHACRYLATE ESTER	NO	NO	NO
POLYGLYCOL DIMETHACRYLATE	NO	NO	NO
TREATED FUMED SILICA	NO	NO	NO
CUMENE HYDROPEROXIDE	NO	NO	NO
1-ACETYL-2-PHENYLHYDRAZINE	NO	NO	NO
CUMENE	REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN.	GROUP 2B	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.

HAZARDOUS WASTE NUMBER: NOT A RCRA HAZARDOUS WASTE.

14. TRANSPORT INFORMATION

THE TRANSPORT INFORMATION PROVIDED IN THIS SECTION ONLY APPLIES TO THE MATERIAL/FORMULATION ITSELF, AND IS NOT SPECIFIC TO ANY PACKAGE/CONFIGURATION.

U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR):

PROPER SHIPPING NAME:
RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.

HAZARD CLASS OR DIVISION: 9

IDENTIFICATION NUMBER: UN 3082

PACKING GROUP: III

DOT HAZARDOUS SUBSTANCE(S): ALPHA,ALPHA-DIMETHYLBENZYLHYDROPEROXIDE

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA):
PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
HAZARD CLASS OR DIVISION: 9
IDENTIFICATION NUMBER: UN 3082
PACKING GROUP: III

WATER TRANSPORTATION (IMO/IMDG):
PROPER SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
HAZARD CLASS OR DIVISION: 9
IDENTIFICATION NUMBER: UN 3082
PACKING GROUP: III

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: NONE ABOVE REPORTING DE MINIMIS

CERCLA/SARA SECTION 302 EHS: NONE ABOVE REPORTING DE MINIMIS

CERCLA/SARA SECTION 311/312: IMMEDIATE HEALTH, DELAYED HEALTH

CERCLA/SARA SECTION 313: NONE ABOVE REPORTING DE MINIMIS

CERCLA REPORTABLE QUANTITY:
CUMENE HYDROPEROXIDE (CAS# 80-15-9): 10 LBS. (4.54 KG)

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/NDL STATUS:
ALL COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE CANADIAN DOMESTIC SUBSTANCES LIST.

16. OTHER INFORMATION

THIS SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION IN SECTIONS: NEW SAFETY DATA SHEET FORMAT. 11

PREPARED BY: SHEILA GINES, REGULATORY AFFAIRS SPECIALIST

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