

SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 003.0

ISSUE DATE: 11/21/2014

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LOCTITE(R) 55 PIPE SEALING CORD

IDH NUMBER: 342134

PRODUCT TYPE: SEALANT

ITEM NUMBER: 35082

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 1-303-592-1711

TRANSPORT EMERGENCY PHONE:
CHEMTREC: 1-800-424-9300 (TOLL FREE) OR 1-703-527-3887

INTERNET: WWW.HENKELNA.COM

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING: CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS

HAZARD CATEGORY

EYE IRRITATION

2A

PICTOGRAM(S): EXCLAMATION MARK

PRECAUTIONARY STATEMENTS:

PREVENTION: WASH THOROUGHLY AFTER HANDLING. WEAR EYE AND FACE PROTECTION.

RESPONSE:

IF IN EYES:

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

IF EYE IRRITATION PERSISTS: GET MEDICAL ATTENTION.

STORAGE: NOT PRESCRIBED

DISPOSAL: NOT PRESCRIBED

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*
LIMESTONE	1317-65-3	30 - 60
TALC	14807-96-6	1 - 5
ETHENE, TETRAFLUORO-, HOMOPOLYMER	9002-84-0	0.1 - 1
QUARTZ (SiO ₂)	14808-60-7	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 VOMITING 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. OXIDES OF SILICON. CARBONYL FLUORIDE. HYDROGEN FLUORIDE. FORMALDEHYDE. 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 BETWEEN 5 DEG. C (41 DEG. F) AND 30 DEG. C (86 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
LIMESTONE	10 MG/M3 TWA TOTAL DUST.	5 MG/M3 PEL RESPIRABLE FRACTION. 15 MG/M3 PEL TOTAL DUST.	NONE	NONE
TALC	2 MG/M3 TWA RESPIRABLE FRACTION.	20 MPPCF TWA 2.4 MPPCF TWA RESPIRABLE. 0.1 MG/M3 TWA RESPIRABLE. 0.3 MG/M3 TWA TOTAL DUST.	NONE	50 PPM
ETHENE, TETRAFLUORO-, HOMOPOLYMER	NONE	NONE	NONE	10 MG/M3 TWA TOTAL DUST. 5 MG/M3 TWA RESPIRABLE FRACTION.
QUARTZ (SiO ₂)	0.025 MG/M3 TWA RESPIRABLE FRACTION.	2.4 MPPCF TWA RESPIRABLE. 0.1 MG/M3 TWA RESPIRABLE. 0.3 MG/M3 TWA TOTAL DUST.	NONE	NONE

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. 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. THE USE OF POLYVINYL CHLORIDE GLOVES IS RECOMMENDED. NITRILE GLOVES. NEOPRENE GLOVES.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: PASTE

COLOR: OPAQUE, OFF WHITE

ODOR: SLIGHT, ACRYLIC

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT AVAILABLE.

VAPOR PRESSURE: <0 MMHg (20 DEG. C (68 DEG. F))

BOILING POINT/RANGE: 150 DEG. C (302 DEG. F)

MELTING POINT/ RANGE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.25

VAPOR DENSITY: <1 (AIR = 1)

FLASH POINT: >93 DEG. C (>199.4 DEG. F) 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: PARTIALLY SOLUBLE

PARTITION COEFFICIENT (N-OCTANOL/WATER): NOT AVAILABLE.

VOC CONTENT: 1%; 12.75 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.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON. IRRITATING ORGANIC VAPOURS.

INCOMPATIBLE MATERIALS:
OXIDIZING AGENTS. FLUORINE. AMMONIUM SALTS. HEAT, SUNLIGHT, UV LIGHT,
CONTAMINATION OR AN OXYGEN FREE ATMOSPHERE.

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. WHEN HEATED TO TEMPERATURES EXCEEDING 300 DEG. F
(150 DEG. C) IN THE PRESENCE OF AIR, SILICONES MAY FORM FORMALDEHYDE
VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD AND A KNOWN SKIN AND
RESPIRATORY SENSITIZER. VAPORS IRRITATE THE EYES, NOSE AND THROAT. SAFE
HANDLING CONDITIONS MAY BE MAINTAINED BY KEEPING FORMALDEHYDE VAPOR
CONCENTRATIONS BELOW THE OSHA PERMISSIBLE LIMIT.

SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

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
LIMESTONE	NONE	NUISANCE DUST
TALC	NONE	IRRITANT, LUNG, SOME EVIDENCE OF CARCINOGENICITY
ETHENE, TETRAFLUORO-,	NONE	NO TARGET ORGANS

HOMOPOLYMER

QUARTZ (SiO2) NONE IMMUNE SYSTEM, LUNG, SOME EVIDENCE OF CARCINOGENICITY

HAZARDOUS COMPONENT(S)	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)
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LIMESTONE	NO	NO	NO
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TALC	NO	GROUP 2B	NO
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ETHENE, TETRAFLUORO-, HOMOPOLYMER	NO	NO	NO
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QUARTZ (SiO2)	KNOWN TO BE HUMAN CARCINOGEN.	GROUP 1	NO
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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: 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

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

CALIFORNIA PROPOSITION 65:
THIS PRODUCT CONTAINS A CHEMICAL KNOWN IN THE STATE OF CALIFORNIA TO CAUSE
CANCER.

CANADA REGULATORY INFORMATION:

CEPA DSL/NDSL 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.

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