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SDS

**Common Name:** LOCTITE 565 LOW STRENGTH THREAD SEALANT KNOWN AS LOCTITE 565 THREAD SEALANT/P, 5**Manufacturer:** HENKEL**SDS Revision Date:** 10/6/2017**SDS Format:** No Format Specified**Item Number(s):** 4KM16**Manufacturer Model Number(s):**

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SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 005.0

ISSUE DATE: 10/06/2017

## 1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME:

LOCTITE 565 LOW STRENGTH THREAD SEALANT KNOWN AS LOCTITE (R\*) 565 (TM) THREAD SEALANT/P

PRODUCT TYPE: ANAEROBIC SEALANT

RESTRICTION OF USE: NONE IDENTIFIED

IDH NUMBER: 88552

ITEM NUMBER: 56541

REGION: UNITED STATES

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

CONTACT INFORMATION:  
 TELEPHONE: +1 (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 SKIN IRRITATION.  
 CAUSES SERIOUS EYE IRRITATION.  
 MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2

PICTOGRAM(S):  
 HEALTH HAZARD  
 EXCLAMATION MARK

PRECAUTIONARY STATEMENTS:

PREVENTION:  
 DO NOT BREATHE VAPORS, MIST, OR SPRAY. WASH AFFECTED AREA THOROUGHLY AFTER HANDLING. WEAR PROTECTIVE GLOVES, EYE PROTECTION, AND FACE PROTECTION.

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. GET MEDICAL ATTENTION IF YOU FEEL UNWELL.

IF SKIN IRRITATION 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*
ETHENE, TETRAFLUORO-, HOMOPOLYMER	9002-84-0	1 - 5
TITANIUM DIOXIDE	13463-67-7	1 - 5
TREATED FUMED SILICA	67762-90-7	1 - 5
SACCHARIN	81-07-2	1 - 5
CUMENE HYDROPEROXIDE	80-15-9	1 - 5
ETHYLENE GLYCOL	107-21-1	0.1 - 1
CUMENE	98-82-8	0.1 - 1

\*EXACT PERCENTAGES MAY VARY OR ARE TRADE SECRET. CONCENTRATION RANGE IS PROVIDED TO ASSIST USERS IN PROVIDING APPROPRIATE PROTECTIONS.

### 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:

REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE. IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER (USING SOAP, IF AVAILABLE). GET MEDICAL ATTENTION.

#### EYE CONTACT:

GET MEDICAL ATTENTION. RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES.

#### INGESTION:

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. 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 SULFUR. OXIDES OF NITROGEN. TOXIC FLUORINE  
COMPOUNDS. IRRITATING ORGANIC VAPORS.

## 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:  
KEEP CONTAINER CLOSED. USE ONLY WITH ADEQUATE VENTILATION. PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE VAPOR AND MIST. WASH THOROUGHLY AFTER HANDLING. 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
ETHENE, TETRAFLUORO-, HOMOPOLYMER	NONE	NONE	NONE	10 MG/M3 TWA TOTAL DUST. 5 MG/M3 TWA RESPIRABLE FRACTION.
TITANIUM DIOXIDE	10 MG/M3 TWA	15 MG/M3 PEL TOTAL DUST. 15 MPPCF TWA RESPIRABLE FRACTION. 15 MG/M3 TWA TOTAL DUST. 50 MPPCF TWA TOTAL DUST. 5 MG/M3 TWA RESPIRABLE FRACTION.	NONE	NONE
TREATED FUMED SILICA	10 MG/M3 TWA	15 MG/M3 TWA TOTAL DUST.	NONE	NONE

	INHALABLE DUST. 3 MG/M3 TWA RESPIRABLE FRACTION.	5 MG/M3 TWA RESPIRABLE FRACTION.		
SACCHARIN	NONE	NONE	NONE	NONE
CUMENE HYDROPEROXIDE	NONE	NONE	1 PPM (6 MG/M3) TWA (SKIN)	NONE
ETHYLENE GLYCOL	25 PPM TWA VAPOR FRACTION 50 PPM STEL VAPOR FRACTION 10 MG/M3 STEL AEROSOL, INHALABLE.	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 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, BUTYL-RUBBER, OR NITRILE-RUBBER GLOVES.

## 9. PHYSICAL AND CHEMICAL PROPERTIES



PHYSICAL STATE: LIQUID, PASTE

COLOR: WHITE

ODOR: MILD

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT APPLICABLE

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: 1.1

VAPOR DENSITY: NOT AVAILABLE.

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

FLAMMABLE/EXPLOSIVE LIMITS - LOWER: NOT AVAILABLE.

FLAMMABLE/EXPLOSIVE LIMITS - UPPER: NOT AVAILABLE.

AUTOIGNITION TEMPERATURE: NOT AVAILABLE.

FLAMMABILITY: NOT APPLICABLE

EVAPORATION RATE: NOT AVAILABLE.

SOLUBILITY IN WATER: SLIGHT

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

VOC CONTENT:

0.11 %; 1.06 G/L METHOD 40 CFR PART 63 APPENDIX A TO SUBPART PPPP

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. OXIDES OF NITROGEN. OXIDES OF SULFUR. IRRITATING ORGANIC VAPORS.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS.

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.

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
ETHENE, TETRAFLUORO-, HOMOPOLYMER	NONE	NO TARGET ORGANS
TITANIUM DIOXIDE	NONE	IRRITANT, RESPIRATORY, SOME EVIDENCE OF CARCINOGENICITY
TREATED FUMED SILICA	NONE	IRRITANT
SACCHARIN	ORAL LD50 (MOUSE): 17 G/KG	NO TARGET ORGANS
CUMENE HYDROPEROXIDE	INHALATION LC50 (MOUSE, 4 H): 200 MG/L	ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT, MUTAGEN
ETHYLENE GLYCOL	ORAL LD50 (RAT): 5.89 G/KG ORAL LD50 (MOUSE): 14.6 G/KG DERMAL LD50 (RABBIT): 9,530 MG/KG	BLOOD, BONE MARROW, CENTRAL NERVOUS SYSTEM, DEVELOPMENTAL, EYES, IRRITANT, KIDNEY, LIVER, METABOLIC
CUMENE	ORAL LD50 (RAT): 2.91 G/KG ORAL LD50 (RAT): 1,400 MG/KG INHALATION LC50 (RAT, 4 H): 8000 PPM	CENTRAL NERVOUS SYSTEM, IRRITANT, LUNG

HAZARDOUS COMPONENT(S)	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)
ETHENE, TETRAFLUORO-, HOMOPOLYMER	NO	NO	NO
TITANIUM DIOXIDE	NO	GROUP 2B	NO
TREATED FUMED SILICA	NO	NO	NO
SACCHARIN	NO	NO	NO
CUMENE HYDROPEROXIDE	NO	NO	NO
ETHYLENE GLYCOL	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 SUBSTANCE, 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:

RQ, 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:

RQ, 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:

ETHENE, TETRAFLUORO-, HOMOPOLYMER (CAS# 9002-84-0).

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

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

CERCLA/SARA SECTION 313:

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND



COMMUNITY RIGHT-TO-KNOW ACT OF 1986 (40 CFR 372). SACCHARIN (CAS# 81-07-2).  
CUMENE HYDROPEROXIDE (CAS# 80-15-9).

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/NDSL STATUS:

CONTAINS ONE OR MORE COMPONENTS LISTED ON THE NON-DOMESTIC SUBSTANCES LIST.  
ALL OTHER COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE  
DOMESTIC SUBSTANCES LIST. COMPONENTS LISTED ON THE NDSL MUST BE TRACKED BY  
ALL CANADIAN IMPORTERS OF RECORD AS REQUIRED BY ENVIRONMENT CANADA. THEY  
MAY BE IMPORTED INTO CANADA IN LIMITED QUANTITIES. PLEASE CONTACT  
REGULATORY AFFAIRS FOR ADDITIONAL DETAILS.

## 16. OTHER INFORMATION



THIS SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION IN  
SECTIONS: 2

PREPARED BY: PRODUCT SAFETY AND REGULATORY AFFAIRS

ISSUE DATE: 10/06/2017

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