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SDS

Common Name: LOCTITE 515 GASKET ELIMINATOR, 51580**Manufacturer:** HENKEL**SDS Revision Date:** 7/17/2015**SDS Format:** GHS-US**Item Number(s):** 4KM09**Manufacturer Model Number(s):**

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SAFETY DATA SHEET

HENKEL

REVISION NUMBER: 006.1

ISSUE DATE: 07/17/2015

1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME: LOCTITE(R*) 515(TM) GASKET ELIMINATOR(R*)

IDH NUMBER: 88541

PRODUCT TYPE: ANAEROBIC ADHESIVE

ITEM NUMBER: 51580

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:

DANGER:

CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.

MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS	HAZARD CATEGORY
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1

PICTOGRAM(S):

CORROSION

EXCLAMATION MARK

PRECAUTIONARY STATEMENTS:

PREVENTION:

DO NOT BREATHE VAPORS, MIST, OR SPRAY. WASH THOROUGHLY AFTER HANDLING.

CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.

WEAR PROTECTIVE GLOVES, EYE PROTECTION, AND FACE PROTECTION.

RESPONSE:

IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.

IF ON SKIN (OR HAIR): TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING.

IF INHALED: REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING.

IF IN EYES:

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF

PRESENT AND EASY TO DO. CONTINUE RINSING. IMMEDIATELY CALL A POISON CONTROL

CENTER OR PHYSICIAN.

IF SKIN IRRITATION OR RASH OCCURS:

GET MEDICAL ATTENTION. WASH CONTAMINATED CLOTHING BEFORE REUSE.

STORAGE: STORE LOCKED UP.

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*
POLYURETHANE METHACRYLATE RESIN	UNKNOWN	60 - 100
POLYGLYCOL DIMETHACRYLATE	PROPRIETARY	10 - 30
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	112945-52-5	5 - 10
ACRYLIC ACID	79-10-7	1 - 5
CUMENE HYDROPEROXIDE	80-15-9	1 - 5
SACCHARIN	81-07-2	1 - 5
HYDROXYALKYL METHACRYLATE	PROPRIETARY	0.1 - 1
ETHYLENE GLYCOL	107-21-1	0.1 - 1
CUMENE	98-82-8	0.1 - 1
1-ACETYL-2-PHENYLHYDRAZINE	114-83-0	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.
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 SULFUR. OXIDES OF CARBON. OXIDES OF NITROGEN. 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 CLEANUP. 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 0 DEG. C (32 DEG. F) AND 32 DEG. C (89.6 DEG. 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 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 COMPONENT(S)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
POLYURETHANE METHACRYLATE RESIN	NONE	NONE	NONE	NONE
POLYGLYCOL DIMETHACRYLATE	NONE	NONE	NONE	NONE
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	10 MG/M3 TWA INHALABLE DUST. 3 MG/M3 TWA RESPIRABLE FRACTION.	20 MPPCF TWA 0.8 MG/M3 TWA	NONE	NONE
ACRYLIC ACID	2 PPM TWA (SKIN)	NONE	NONE	1 PPM TWA 3 PPM STEL (SKIN)
CUMENE HYDROPEROXIDE	NONE	NONE	1 PPM	NONE

			(6 MG/M3) TWA (SKIN)	
SACCHARIN	NONE	NONE	NONE	NONE
HYDROXYALKYL METHACRYLATE	NONE	NONE	NONE	3 PPM CEILING
ETHYLENE GLYCOL	100 MG/M3 CEILING AEROSOL.	NONE	NONE	NONE
CUMENE	50 PPM TWA	50 PPM (245 MG/M3) PEL (SKIN)	NONE	NONE
1-ACETYL-2- PHENYLHYDRAZINE	NONE	NONE	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). USE AN ORGANIC VAPOR RESPIRATOR FOR CONCENTRATIONS EXCEEDING THE OCCUPATIONAL EXPOSURE LIMIT.

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: GEL

COLOR: PURPLE

ODOR: SHARP

ODOR THRESHOLD: NOT AVAILABLE.

PH: NOT APPLICABLE

VAPOR PRESSURE: <10 MMHG (80 DEG. F (26.7 DEG. C))

BOILING POINT/RANGE: >300 DEG. F (>148.9 DEG. C) NONE

MELTING POINT/RANGE: NOT AVAILABLE.

SPECIFIC GRAVITY: 1.1

VAPOR DENSITY: NOT AVAILABLE.

FLASH POINT: >93.3 DEG. C (>199.94 DEG. F)

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:

1.41%

15.4 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 SULFUR. OXIDES OF CARBON. OXIDES OF NITROGEN. IRRITATING ORGANIC VAPOURS.

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. MAY CAUSE NOSE, THROAT AND LUNG IRRITATION.

SKIN CONTACT:

CORROSIVE TO SKIN. CAUSES SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION.

EYE CONTACT: CAUSES SERIOUS EYE DAMAGE.

INGESTION: MAY CAUSE GASTROINTESTINAL TRACT IRRITATION IF SWALLOWED.

HAZARDOUS COMPONENT(S)	LD50S AND LC50S	IMMEDIATE AND DELAYED HEALTH EFFECTS
POLYURETHANE METHACRYLATE RESIN	NONE	IRRITANT, ALLERGEN
POLYGLYCOL DIMETHACRYLATE	NONE	ALLERGEN, IRRITANT
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	NONE	NUISANCE DUST
ACRYLIC ACID	ORAL LD50 (RAT): 33.5 MG/KG	ALLERGEN, CORROSIVE, IRRITANT, KIDNEY, LIVER

	ORAL LD50 (RAT): 2.5 G/KG		
	ORAL LD50 (RAT): 193 MG/KG		
	ORAL LD50 (RAT): 1,250 MG/KG		
	INHALATION LC50 (RAT, 4 H): 1,200 MG/L		
CUMENE HYDROPEROXIDE	NONE		ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT, MUTAGEN
SACCHARIN	NONE		NO TARGET ORGANS
HYDROXYALKYL METHACRYLATE	ORAL LD50 (RAT): 11.2 G/KG		IRRITANT, ALLERGEN
	ORAL LD50 (RAT): 5,050 MG/KG		
ETHYLENE GLYCOL	ORAL LD50 (RAT): 5.89 G/KG		BLOOD, BONE MARROW, CENTRAL NERVOUS SYSTEM, DEVELOPMENTAL, EYES, IRRITANT, KIDNEY, LIVER, METABOLIC
	DERMAL LD50 (RABBIT): 9,530 MG/KG		
	ORAL LD50 (RAT): 2.91 G/KG		
CUMENE	ORAL LD50 (RAT): 1,400 MG/KG		CENTRAL NERVOUS SYSTEM, IRRITANT, LUNG
	INHALATION LC50 (RAT, 4 H): 8000 PPM		
1-ACETYL-2-PHENYLHYDRAZINE	NONE		ALLERGEN, BLOOD, KIDNEY, MUTAGEN, SOME EVIDENCE OF CARCINOGENICITY
HAZARDOUS COMPONENT(S)	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)
POLYURETHANE	NO	NO	NO
METHACRYLATE RESIN			
POLYGLYCOL DIMETHACRYLATE	NO	NO	NO
SILICA, AMORPHOUS, FUMED, CRYSTAL-FREE	NO	NO	NO
ACRYLIC ACID	NO	NO	NO
CUMENE HYDROPEROXIDE	NO	NO	NO
SACCHARIN	NO	NO	NO
HYDROXYALKYL METHACRYLATE	NO	NO	NO

ETHYLENE GLYCOL	NO	NO	NO
CUMENE	REASONABLY ANTICIPATED TO BE A HUMAN CARCINOGEN.	GROUP 2B	NO
1-ACETYL-2- PHENYLHYDRAZINE	NO	NO	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: 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:

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).

ACRYLIC ACID (CAS# 79-10-7).

CUMENE HYDROPEROXIDE (CAS# 80-15-9).

SACCHARIN (CAS# 81-07-2).

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.

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. 11

PREPARED BY: SHEILA GINES, REGULATORY AFFAIRS SPECIALIST

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