LOCTITE(R*)

MATERIAL SAFETY DATA SHEET

HENKEL TECHNOLOGIES

REVISION DATE: 01/25/2006

ISSUE DATE: 02/04/2006

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LOCTITE(R) 243 THREADLOCKER MEDIUM STRENGTH

ITEM NO.: 24078

PRODUCT TYPE: ANAEROBIC SEALANT

REGION: UNITED STATES

COMPANY ADDRESS:
HENKEL CORPORATION
1001 TROUT BROOK CROSSING
ROCKY HILL, CONNECTICUT 06067

CONTACT INFORMATION:

TELEPHONE: 860.571.5100

EMERGENCY TELEPHONE: 860.571.5100

INTERNET: WWW.LOCTITE.COM

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL	OTHER
POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-100	NONE	NONE	NONE
POLYGLYCOL DIOCTANOATE 18268-70-7	10-30	NONE	NONE	NONE
AMORPHOUS FUMED SILICA 68611-44-9	1-5	NONE	NONE	NONE
SACCHARIN 81-07-2	1-5	NONE	NONE	NONE

1-ACETYL-2-PHENYLHYDRAZINE	0.1-1	NONE	NONE	NONE
114-83-0				

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PHYSICAL STATE: LIQUID

COLOR: BLUE

ODOR: CHARACTERISTIC

HMIS:

HEALTH	2*
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	SEE SECTION 8

WARNING:

MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, EYES

POTENTIAL HEALTH EFFECTS:
INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION.
SKIN CONTACT: MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE SKIN IRRITATION.
EYE CONTACT: CONTACT WITH EYES WILL CAUSE IRRITATION.
INGESTION: NOT EXPECTED TO BE HARMFUL BY INGESTION.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:
EYE, SKIN, AND RESPIRATORY DISORDERS.

SEE SECTION 11 FOR ADDITIONAL TOXICOLOGICAL INFORMATION.

4. FIRST AID MEASURES

INHALATION:
REMOVE TO FRESH AIR. IF SYMPTOMS DEVELOP AND PERSIST, GET MEDICAL ATTENTION.

SKIN CONTACT:
WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH CLOTHING BEFORE REUSE. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR.

EYE CONTACT:
FLUSH WITH COPIOUS AMOUNTS OF WATER, PREFERABLY, LUKEWARM WATER FOR AT LEAST

15 MINUTES, HOLDING EYELIDS OPEN ALL THE TIME. GET MEDICAL ATTENTION.

INGESTION:
DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION.

5. FIREFIGHTING MEASURES

FLASH POINT: GREATER THAN 93 DEG. C (200 DEG. F) TAGLIABUE CLOSED CUP

AUTOIGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABLE/EXPLOSIVE LIMITS-LOWER %: NOT AVAILABLE
FLAMMABLE/EXPLOSIVE LIMITS-UPPER %: NOT AVAILABLE

EXTINGUISHING MEDIA:
IF PRODUCT IS INVOLVED IN FIRE EXTINGUISH WITH DRY POWDER, FOAM OR CARBON
DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES:
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING, SUCH
AS TURN-OUT GEAR.

UNUSUAL FIRE OR EXPLOSION HAZARDS: NONE

HAZARDOUS COMBUSTION PRODUCTS:
OXIDES OF CARBON. OXIDES OF SULFUR. OXIDES OF NITROGEN. IRRITATING ORGANIC
VAPORS.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS:
PREVENT PRODUCT FROM ENTERING DRAINS OR OPEN WATERS.

CLEAN-UP METHODS:
SOAK UP WITH INERT ABSORBENT. STORE IN A PARTLY FILLED, CLOSED CONTAINER
UNTIL DISPOSAL.

7. HANDLING AND STORAGE

HANDLING:
AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR AND MIST.
WASH THOROUGHLY AFTER HANDLING.

STORAGE:
FOR SAFE STORAGE, STORE AT OR BELOW 38 DEG. C (100 DEG. F). KEEP IN A COOL,

WELL VENTILATED AREA AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP CONTAINER
TIGHTLY CLOSED UNTIL READY FOR USE.

INCOMPATIBLE PRODUCTS: REFER TO SECTION 10.

FOR INFORMATION ON PRODUCT SHELF LIFE CONTACT HENKEL CUSTOMER SERVICE AT
(800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
NO SPECIFIC VENTILATION REQUIREMENTS NOTED, BUT FORCED VENTILATION MAY STILL
BE REQUIRED IF CONCENTRATIONS EXCEED OCCUPATIONAL EXPOSURE LIMITS.

RESPIRATORY PROTECTION:
USE NIOSH APPROVED RESPIRATOR IF THERE IS POTENTIAL TO EXCEED EXPOSURE LIMIT(S).

SKIN PROTECTION:
USE IMPERMEABLE GLOVES AND PROTECTIVE CLOTHING AS NECESSARY TO PREVENT SKIN
CONTACT. NEOPRENE GLOVES. BUTYL RUBBER GLOVES. NATURAL RUBBER GLOVES.

EYE/FACE PROTECTION: SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

SEE SECTION 2 FOR EXPOSURE LIMITS.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: LIQUID

COLOR: BLUE

ODOR: CHARACTERISTIC

VAPOR PRESSURE: LESS THAN 0.1 MMHg AT 27 DEG. C (80 DEG. F)

pH: NOT APPLICABLE

BOILING POINT/RANGE: GREATER THAN 149 DEG. C (300 DEG. F)

MELTING POINT/RANGE: NOT AVAILABLE

SPECIFIC GRAVITY: 1.08 AT 20 DEG. C (68 DEG. F)

VAPOR DENSITY: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

SOLUBILITY IN WATER: SLIGHT

PARTITION COEFFICIENT (n-OCTANOL/WATER): NOT AVAILABLE

VOC CONTENT: 0.7339%; 7.21 GRAMS/LITER

10. STABILITY AND REACTIVITY

STABILITY: STABLE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON. OXIDES OF SULFUR. OXIDES OF NITROGEN. IRRITATING ORGANIC
VAPORS.

INCOMPATIBILITY:
STRONG OXIDIZERS. REDUCING AGENTS. STRONG ALKALIS. OXYGEN SCAVENGERS. OXIDIZING AGENTS. OTHER POLYMERIZATION INITIATORS.

CONDITIONS TO AVOID:
SEE "HANDLING AND STORAGE" (SECTION 7) AND "INCOMPATIBILITY" (SECTION 10).

11. TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY DATA:
ACUTE ORAL LD50: GREATER THAN 10,000 MG/KG (RAT).
ACUTE DERMAL LD50: GREATER THAN 5000 MG/KG (RABBIT). (ESTIMATED).

CARCINOGEN STATUS:

HAZARDOUS COMPONENTS	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN
POLYGLYCOL DIMETHACRYLATE 25852-47-5	NO	NO	NO
POLYGLYCOL DIOCTANOATE 18268-70-7	NO	NO	NO
AMORPHOUS FUMED SILICA 68611-44-9	NO	NO	NO
SACCHARIN 81-07-2	NO	NO	NO
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	NO	NO	NO

LITERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS:

HAZARDOUS COMPONENTS	HEALTH EFFECTS/TARGET ORGANS
POLYGLYCOL DIMETHACRYLATE 25852-47-5	ALLERGEN, IRRITANT
POLYGLYCOL DIOCTANOATE 18268-70-7	IRRITANT
AMORPHOUS FUMED SILICA 68611-44-9	NO TARGET ORGANS
SACCHARIN 81-07-2	NO TARGET ORGANS
1-ACETYL-2-PHENYLHYDRAZINE 114-83-0	ALLERGEN, BLOOD, KIDNEY, MUTAGEN, SOME EVIDENCE OF CARCINOGENICITY

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT AVAILABLE

13. DISPOSAL CONSIDERATIONS

INFORMATION PROVIDED IS FOR UNUSED PRODUCT ONLY.

RECOMMENDED METHOD OF DISPOSAL:
DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL GOVERNMENTAL REGULATIONS.

EPA HAZARDOUS WASTE NUMBER: NOT A RCRA HAZARDOUS WASTE.

14. TRANSPORT INFORMATION

THE SHIPPING CLASSIFICATIONS IN THIS SECTION ARE FOR NON-BULK PACKAGING ONLY
(UNLESS OTHERWISE SPECIFIED). SHIPPING CLASSIFICATION MAY BE DIFFERENT FOR
BULK PACKAGING.

U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR):
PROPER SHIPPING NAME: UNRESTRICTED
HAZARD CLASS OR DIVISION: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA):
PROPER SHIPPING NAME: UNRESTRICTED
HAZARD CLASS OR DIVISION: NONE
IDENTIFICATION NUMBER: NONE

PACKING GROUP: NONE

WATER TRANSPORTATION (IMO/IMDG):
PROPER SHIPPING NAME: UNRESTRICTED
HAZARD CLASS OR DIVISION: NONE
IDENTIFICATION NUMBER: NONE
PACKING GROUP: NONE
MARINE POLLUTANT: 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: 4-METHOXYPHENOL (150-76-5).

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

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

CERCLA/SARA 313: NONE ABOVE REPORTING DE MINIMUS.

CALIFORNIA PROPOSITION 65:
THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE
CANCER AND 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 DOMESTIC SUBSTANCES LIST.

WHMIS HAZARD CLASS: D.2.B

16. OTHER INFORMATION

THIS MATERIAL SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION
IN SECTIONS: 9

PREPARED BY:
KYRA KOZAK WOODS, PRODUCT SAFETY AND REGULATORY AFFAIRS SPECIALIST

DISCLAIMER:
THE DATA CONTAINED HEREIN ARE FURNISHED FOR INFORMATION ONLY AND ARE BELIEVED TO BE RELIABLE. HOWEVER, HENKEL CORPORATION DOES NOT ASSUME

RESPONSIBILITY FOR ANY RESULTS OBTAINED BY PERSONS OVER WHOSE METHODS HENKEL
CORPORATION HAS NO CONTROL. IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE
SUITABILITY OF HENKEL'S PRODUCTS OR ANY PRODUCTION METHODS MENTIONED HEREIN
FOR A PARTICULAR PURPOSE, AND TO ADOPT SUCH PRECAUTIONS AS MAY BE ADVISABLE
FOR THE PROTECTION OF PROPERTY AND PERSONS AGAINST ANY HAZARDS THAT MAY BE
INVOLVED IN THE HANDLING AND USE OF ANY OF HENKEL CORPORATION'S PRODUCTS. IN
LIGHT OF THE FOREGOING, HENKEL CORPORATION SPECIFICALLY DISCLAIMS ALL
WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE, ARISING FROM SALE OR USE OF HENKEL
CORPORATION'S PRODUCTS. HENKEL CORPORATION FURTHER DISCLAIMS ANY LIABILITY
FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST PROFITS.

Hosted as Genie Industries, Inc..
Comply Plus® Copyright © IHS Inc, 1999-2009. All Rights Reserved.