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Barnes Distribution

Material Safety Data Sheet

MSDS Form No. : 004824
Item No. : 22006, 22805N, 22806
MSDS

MATERIAL SAFETY DATA SHEET

REVISION DATE: 06/04/2012

------1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION ------

PRODUCT NAME: BARNES(R) HIGH STRENGTH THREAD LOCKER HEAVY DUTY

PRODUCT TYPE: ANAEROBIC SEALANT

REGION: UNITED STATES

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

CONTACT INFORMATION:
TELEPHONE: 216-416-7200
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. COMPOSITION/INFORMATION ON INGREDIENTS ------

HAZARDOUS COMPONENTS	%	ACGIH TLV	OSHA PEL	OTHER

POLYGLYCOL DIMETHACRYLATE 25852-47-5	60-100	NONE	NONE	NONE
BISPHENOL A FUMARATE RESIN 39382-25-7	10-30	NONE	NONE	NONE
SACCHARIN 81-07-2	1-5	NONE	NONE	NONE
CUMENE HYDROPEROXIDE 80-15-9	1-5	NONE	NONE	1 PPM (6 MG/M3) SKIN (WEEL), 1 PPM, SKIN (WEEL)
CUMENE 98-82-8	0.1 - 1	50 PPM TWA	50 PPM (245 MG/M3) TWA (SKIN)	NONE

------3. HAZARDS IDENTIFICATION ------

EMERGENCY OVERVIEW:

PHYSICAL STATE: LIQUID

COLOR: RED

ODOR: MILD

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

WARNING:
CAUSES EYE IRRITATION.
MAY CAUSE ALLERGIC SKIN REACTION.
MAY CAUSE SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.

RELEVANT ROUTES OF EXPOSURE: SKIN, INHALATION, EYES

POTENTIAL HEALTH EFFECTS:

INHALATION: MAY CAUSE RESPIRATORY TRACT IRRITATION.

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

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.

THIS MATERIAL IS CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD
(49 CFR 1910.1200).

SEE SECTION 11 FOR ADDITIONAL TOXICOLOGICAL INFORMATION.

------4. FIRST AID MEASURES ------

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

SKIN CONTACT:
REMOVE CONTAMINATED CLOTHING AND FOOTWEAR. WASH WITH SOAP AND WATER. WASH
CLOTHING BEFORE REUSE. IF SYMPTOMS DEVELOP AND PERSIST, GET MEDICAL ATTENTION.

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. FIRE-FIGHTING 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: FOAM, DRY CHEMICAL OR CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: NONE

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 ------

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:
SOAK UP WITH INERT ABSORBENT MATERIAL (E.G. SAND, SILICA GEL, ACID BINDER, UNIVERSAL BINDER, SAWDUST). STORE IN A PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL.

------7. HANDLING AND STORAGE ------

HANDLING:
PREVENT CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATH 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.

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.

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

RESPIRATORY PROTECTION:
IF AIRBORNE CONCENTRATIONS ARE ABOVE THE APPLICABLE EXPOSURE LIMITS,

USE NIOSH
APPROVED RESPIRATOR PROTECTION. USE A NIOSH APPROVED AIR-PURIFYING RESPIRATOR
WITH AN ORGANIC VAPOR CARTRIDGE.

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

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

------9. PHYSICAL AND CHEMICAL PROPERTIES ------

PHYSICAL STATE: LIQUID

COLOR: RED

ODOR: MILD

VAPOR PRESSURE: LESS THAN 5 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: 1.1

VAPOR DENSITY: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

SOLUBILITY IN WATER: SLIGHT

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

VOC CONTENT: 0.82%; 7.81 GRAMS/LITER

------10. STABILITY AND REACTIVITY ------

STABILITY: STABLE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:
PHENOLICS, OXIDES OF SULFUR. OXIDES OF CARBON. OXIDES OF NITROGEN. IRRITATING

ORGANIC VAPORS.

INCOMPATIBILITY:
STRONG OXIDIZING AGENTS. STRONG ACIDS. STRONG REDUCING AGENTS. RUST.

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

------11. TOXICOLOGICAL INFORMATION ------

PRODUCT TOXICITY DATA:
ACUTE ORAL LD50: >5000 MG/KG (RAT) (ESTIMATED).
ACUTE DERMAL LD50: GREATER THAN 2000 MG/KG (RABBIT) (ESTIMATED).

CARCINOGEN STATUS:

HAZARDOUS COMPONENTS	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN
POLYGLYCOL DIMETHACRYLATE 25852-47-5	NO	NO	NO
BISPHENOL A FUMARATE RESIN 39382-25-7	NO	NO	NO
SACCHARIN 81-07-2	NO	NO	NO
CUMENE HYDROPEROXIDE 80-15-9	NO	NO	NO
CUMENE 98-82-8	NO	GROUP 2B	NO

LITERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS:

HAZARDOUS COMPONENTS	HEALTH EFFECTS/TARGET ORGANS
POLYGLYCOL DIMETHACRYLATE 25852-47-5	ALLERGEN, IRRITANT
BISPHENOL A FUMARATE RESIN 39382-25-7	ALLERGEN, IRRITANT
SACCHARIN 81-07-2	NO TARGET ORGANS
CUMENE HYDROPEROXIDE 80-15-9	ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT, MUTAGEN

CUMENE CENTRAL NERVOUS SYSTEM,
IRRITANT, LUNG
98-82-8

------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 ------

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 MINIMUS.

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

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

CERCLA/SARA 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). CUMENE HYDROPEROXIDE (CAS# 80-15-9).

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

CALIFORNIA PROPOSITION 65:
THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO 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 DOMESTIC SUBSTANCES LIST.

WHMIS HAZARD CLASS: D.2.A, D.2.B

------16. OTHER INFORMATION ------

THIS MATERIAL SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION
IN SECTIONS: 2,8,11,15

PREPARED BY: KYRA KOZAK WOODS, MANAGER, REGULATORY AFFAIRS

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