

ITEM: 3UU58 - Threadlocker Blue 9gm

SDS: B2576

ORDER: 0045252325

LP NUMBER: U831140836

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS should be attached or kept with the respective product with which it is associated.

IDENTIFICATION DATA SHEET - B2576

Associated Grainger Items 58

TITLE (R*)

SERIAL SAFETY DATA SHEET

KEL TECHNOLOGIES

ISSUE DATE: 11/21/2007

REVISE DATE: 11/21/2007

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LOCTITE 248 TL 9G STICK M/L

M NO.: 37684PR / IDH NO. 826034

DUCT TYPE: ANAEROBIC SEALANT

COUNTRY OF ORIGIN: UNITED STATES

COMPANY ADDRESS: KEMEL CORPORATION, 1 TROUT BROOK CROSSING, KY HILL, CONNECTICUT 06067

CONTACT INFORMATION: TELEPHONE: (860) 571-5100, AGENCY TELEPHONE: (860) 571-5100

INTERNET: WWW.LOCTITE.COM

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 5 columns: INGREDIENTS, %, ACGIH TLV, OSHA PEL, OTHER. Lists ingredients like EPOXY DIMETHACRYLATE, KOTROPIC AGENT, ICA, EPOXY DIMETHACRYLATE, CHARIN, EPOXY DIMETHACRYLATE, and EPOXY DIMETHACRYLATE.

3. HAZARDS IDENTIFICATION

AGENCY OVERVIEW:

REGULATORY STATE: WAX

HAZARD: BLUE

SEVERITY: MILD

HAZARD STATEMENT: MAY CAUSE IRRITATION. PRECAUTIONARY STATEMENT: MAY CAUSE IRRITATION.

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

EXPOSURE ROUTES OF EXPOSURE: SKIN, INHALATION, EYES

ACUTE HEALTH EFFECTS:

CHRONIC HEALTH EFFECTS: MAY CAUSE RESPIRATORY TRACT IRRITATION.

ADDITIONAL INFORMATION: MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE SKIN IRRITATION.

ENVIRONMENTAL: MAY CAUSE IRRITATION.

ADDITIONAL INFORMATION: NOT EXPECTED TO BE HARMFUL BY INGESTION.

ADDITIONAL INFORMATION: AGGRAVATED BY EXPOSURE TO SKIN, AND RESPIRATORY DISORDERS.

SEE SECTION 1.1 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. FIRE-FIGHTING MEASURES

FLASH POINT: PRODUCT IS A SOLID. BURN RATE: GREATER THAN 7.0 CMS (2.8 INCHES)

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 NITROGEN. OXIDES OF SULFUR. IRRITATING ORGANIC VAPORS.

6. ACCIDENTAL RELEASE MEASURES

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

CLEAN-UP METHODS: SCRAPE UP SPILLED MATERIAL AND PLACE IN SEALED CONTAINER FOR DISPOSAL.

7. HANDLING AND STORAGE

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

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: WAX

COLOR: BLUE

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: 1.1097

VAPOR DENSITY: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

SOLUBILITY IN WATER: SLIGHT

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

VOC CONTENT: 7.85%; 87.1 GRAMS/LITER (EPA METHOD 24)

10. STABILITY AND REACTIVITY

BIILITY: STABLE.

ARDOUS POLYMERIZATION: WILL NOT OCCUR.

ARDECOMPOSITION PRODUCTS:
DES CARBON. OXIDES OF SULFUR. OXIDES OF NITROGEN. IRRITATING ORGANIC
ORS

OMPALABILITY: STRONG OXIDIZERS.

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

11. TOXICOLOGICAL INFORMATION

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

CINOGEN STATUS:

ARDOUS COMPONENTS	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN
YGLYCOL DIMETHACRYLATE 52-47-5	NO	NO	NO
XOTROPIC AGENT NOWN	NO	NO	NO
ICA, AMORPHOUS, FUMED, STALLINE-FREE 945-52-5	NO	NO	NO
YGLYCOL DIOCTANOATE 68-70-7	NO	NO	NO
CHARIN 07-2	NO	NO	NO
YLENE GLYCOL -21-1	NO	NO	NO
ENE HYDROPEROXIDE 15-9	NO	NO	NO

ERATURE REFERENCED TARGET ORGAN & OTHER HEALTH EFFECTS:

ARDOUS COMPONENTS	HEALTH EFFECTS/TARGET ORGANS
YGLYCOL DIMETHACRYLATE 52-47-5	ALLERGEN, IRRITANT
XOTROPIC AGENT NOWN	NO DATA
ICA, AMORPHOUS, FUMED, STALLINE-FREE 945-52-5	NUISANCE DUST
YGLYCOL DIOCTANOATE 68-70-7	IRRITANT
CHARIN 07-2	NO TARGET ORGANS
YLENE GLYCOL -21-1	BLOOD, BONE MARROW, CENTRAL NERVOUS SYSTEM, DEVELOPMENTAL, EYES, IRRITANT, KIDNEY, LIVER, METABOLIC
ENE HYDROPEROXIDE 15-9	ALLERGEN, CENTRAL NERVOUS SYSTEM, CORROSIVE, IRRITANT, MUTAGEN

12. ECOLOGICAL INFORMATION

LOGICAL INFORMATION: NOT AVAILABLE

13. DISPOSAL CONSIDERATIONS

ORMATION PROVIDED IS FOR UNUSED PRODUCT ONLY.

OMMENDED METHOD OF DISPOSAL:
POSE OF ACCORDING TO FEDERAL, STATE AND LOCAL GOVERNMENTAL REGULATIONS.

HAZARDOUS WASTE NUMBER: NOT A RCRA HAZARDOUS WASTE.

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION GROUND (49 CFR):
PER SHIPPING NAME: UNRESTRICTED
ARD CLASS OR DIVISION: NONE
NTIFICATION NUMBER: NONE
KING GROUP: NONE

ERNATIONAL AIR TRANSPORTATION (ICAO/IATA):
PER SHIPPING NAME: UNRESTRICTED
ARD CLASS OR DIVISION: NONE
NTIFICATION NUMBER: NONE
KING GROUP: NONE

ER TRANSPORTATION (IMO/IMDG):
PER SHIPPING NAME: UNRESTRICTED
ARD CLASS OR DIVISION: NONE
NTIFICATION NUMBER: NONE
KING GROUP: NONE
LINE GROUP: NONE

15. REGULATORY INFORMATION

ED STATES REGULATORY INFORMATION:

A 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.

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

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

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).
ETHYLENE GLYCOL (CAS# 107-21-1).
CUMENE HYDROPEROXIDE (CAS# 80-15-9).

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/NSDL STATUS:
CONTAINS ONE OR MORE COMPONENTS LISTED ON THE NON-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, 15

PREPARED BY: REGULATORY AFFAIRS

DISCLAIMER:

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