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**Common Name:** LOCTITE CHISEL PAINT STRIPPER, 79040

**Manufacturer:** HENKEL

**MSDS Revision Date:** 5/12/2008

**Grainger Item Number(s):** 1KGU5, 4KM53

**Manufacturer Model Number(s):**

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LOCTITE (R\*)

MATERIAL SAFETY DATA SHEET

HENKEL TECHNOLOGIES

REVISION DATE: 05/12/2008

ISSUE DATE: 05/12/2008

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LOCTITE (R\*) CHISEL (R\*) PAINT STRIPPER

ITEM NO.: 79040 / IDH NO. 135544

PRODUCT TYPE: SOLVENT CLEANER

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
METHYLENE CHLORIDE 75-09-2	60-100	50 PPM TWA	12.5 PPM ACTION LEVEL 125 PPM STEL 125 PPM STEL 15 MIN. CANCER, CARDIAC EFFECTS, CENTRAL NERVOUS SYSTEM EFFECTS, LIVER EFFECTS, AND SKIN AND EYE IRRITATION - SEE 29 CFR 1910.1052 25 PPM TWA 25 PPM TWA	NONE
LIQUIFIED PETROLEUM PROPELLANT 68476-86-8	10-30	NONE	NONE	NONE
METHANOL 67-56-1	5-10	200 PPM TWA 250 PPM STEL (SKIN)	200 PPM TWA 260 MG/M3 TWA	NONE
PROPYLENE OXIDE 75-56-9	0.1-1	2 PPM TWA	100 PPM TWA 240 MG/M3 TWA	NONE

## 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PHYSICAL STATE: AEROSOL

COLOR: GREY TO OFF-WHITE

ODOR: SHARP, SOLVENT

HMIS:

HEALTH 3\*  
FLAMMABILITY 4  
PHYSICAL HAZARD 1  
PERSONAL PROTECTION SEE SECTION 8

**DANGER:**

EXTREMELY FLAMMABLE LIQUID AND VAPOR  
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
MAY BE HARMFUL IF SWALLOWED OR INHALED.

RELEVANT ROUTES OF EXPOSURE: INHALATION, SKIN, EYES, INGESTION

**POTENTIAL HEALTH EFFECTS:**

**INHALATION:**

VAPORS MAY CAUSE HEADACHES, NAUSEA, DIZZINESS AND RESPIRATORY TRACT IRRITATION. MAY CAUSE IRRITATION TO NOSE AND THROAT.

SKIN CONTACT: MAY CAUSE IRRITATION DUE TO DEFATTING OF THE SKIN.

EYE CONTACT: DIRECT SPRAY OR VAPORS WILL IRRITATE AND MAY HARM EYES.

**INGESTION:**

MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATED MATERIAL CAN ENTER THE LUNGS AND RESULT IN PNEUMONITIS. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

**EXISTING CONDITIONS AGGRAVATED BY EXPOSURE:**

SKIN DISORDERS. RESPIRATORY DISORDERS. HEART DISEASE. LIVER DISEASE. KIDNEY DISEASE. ANEMIA. ARRHYTHMIA.

SEE SECTION 11 FOR ADDITIONAL TOXICOLOGICAL INFORMATION.

#### **4. FIRST AID MEASURES**

**INHALATION:**

REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. OBTAIN MEDICAL ATTENTION.

**SKIN CONTACT:**

REMOVE CONTAMINATED CLOTHING AND SHOES. WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

**EYE CONTACT:**

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

**INGESTION:**

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

#### **5. FIRE-FIGHTING MEASURES**

FLASH POINT: LESS THAN 5 DEG. C (41 DEG. F) TAGLIABUE CLOSED CUP

AUTOIGNITION TEMPERATURE: NOT AVAILABLE

FLAMMABLE/EXPLOSIVE LIMITS-LOWER %: 1.5% (VALUE FOR PROPELLANT).  
FLAMMABLE/EXPLOSIVE LIMITS-UPPER %: 9.5% (VALUE FOR PROPELLANT).

**EXTINGUISHING MEDIA:**

FOAM, DRY CHEMICAL OR CARBON DIOXIDE. TYPE BC EXTINGUISHER. DO NOT USE WATER.

**SPECIAL FIRE FIGHTING PROCEDURES:**

USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING, SUCH AS TURN-OUT GEAR.

**UNUSUAL FIRE OR EXPLOSION HAZARDS:**

CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 49 DEG. C (120 DEG. F) MAY CAUSE CONTAINER TO BURST.

**HAZARDOUS COMBUSTION PRODUCTS:**

OXIDES OF CARBON. CHLORINE. HYDROCHLORIC ACID. PHOSGENE.

## **6. ACCIDENTAL RELEASE MEASURES**

**ENVIRONMENTAL PRECAUTIONS:**

PREVENT PRODUCT FROM ENTERING DRAINS OR OPEN WATERS. ASSURE CONFORMITY WITH APPLICABLE GOVERNMENT REGULATIONS.

**CLEAN-UP METHODS:**

REMOVE ALL IGNITION SOURCES. VENTILATE AREA. CLEAN-UP METHODS - LARGE SPILLAGE. STORE IN A CLOSED CONTAINER UNTIL READY FOR DISPOSAL.

## **7. HANDLING AND STORAGE**

**HANDLING:**

AVOID CONTACT WITH EYES, SKIN AND CLOTHING. DO NOT BREATHE MIST OR VAPORS. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.

**STORAGE:**

KEEP AWAY FROM HEAT, SPARKS AND FLAME. STORE AWAY FROM IGNITION SOURCES. DO NOT PUNCTURE, INCINERATE, OR EXPOSE TO TEMPERATURES ABOVE 48.9 DEG. C (120 DEG. F).

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:**

USE LOCAL EXHAUST VENTILATION IF THE POTENTIAL FOR AIRBORNE EXPOSURE EXISTS.

**RESPIRATORY PROTECTION:**

USE A NIOSH APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE IF THE POTENTIAL TO EXCEED ESTABLISHED EXPOSURE LIMITS EXISTS.

SKIN PROTECTION:

CHEMICAL RESISTANT, IMPERMEABLE GLOVES. VITON GLOVES. POLYVINYL ALCOHOL GLOVES. SILVER SHIELD GLOVES. POLYETHYLENE GLOVES. 4H GLOVES. EVAL-LAMINATE GLOVES.

EYE/FACE PROTECTION:

SAFETY GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS. FACE-SHIELD.

SEE SECTION 2 FOR EXPOSURE LIMITS.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: AEROSOL

COLOR: GREY TO OFF-WHITE

ODOR: SHARP, SOLVENT

VAPOR PRESSURE: 30-50 PSIG

pH: NOT APPLICABLE

BOILING POINT/RANGE: NOT AVAILABLE

MELTING POINT/RANGE: NOT AVAILABLE

SPECIFIC GRAVITY: 0.789

VAPOR DENSITY: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

SOLUBILITY IN WATER: SLIGHT

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

VOC CONTENT: 30%; 237 GRAMS/LITER

## 10. STABILITY AND REACTIVITY

STABILITY: STABLE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:

OXIDES OF CARBON. CHLORINE. HYDROCHLORIC ACID. PHOSGENE.

INCOMPATIBILITY:

STRONG OXIDIZERS. STRONG ALKALIS. SODIUM. POTASSIUM. REACTIVE METALS.

CONDITIONS TO AVOID:

DO NOT EXPOSE TO TEMPERATURES ABOVE 49 DEG. C (120 DEG. F).

**11. TOXICOLOGICAL INFORMATION**

## CARCINOGEN STATUS:

HAZARDOUS COMPONENTS	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN
METHYLENE CHLORIDE 75-09-2	SUSPECT CARCINOGEN	GROUP 2B	YES
LIQUIFIED PETROLEUM PROPELLANT 68476-86-8	NO	NO	NO
METHANOL 67-56-1	NO	NO	NO
PROPYLENE OXIDE 75-56-9	SUSPECT CARCINOGEN	GROUP 2B	YES

## LITERATURE REFERENCED TARGET ORGAN &amp; OTHER HEALTH EFFECTS:

HAZARDOUS COMPONENTS	HEALTH EFFECTS/TARGET ORGANS
METHYLENE CHLORIDE 75-09-2	CENTRAL NERVOUS SYSTEM, IRRITANT, KIDNEY, LIVER, SOME EVIDENCE OF CARCINOGENICITY, CORROSIVE, BLOOD, CARDIAC
LIQUIFIED PETROLEUM PROPELLANT 68476-86-8	NO DATA
METHANOL 67-56-1	EYES, HEART, IRRITANT, KIDNEY, LIVER, METABOLIC, NERVOUS SYSTEM, REPRODUCTIVE
PROPYLENE OXIDE 75-56-9	CORROSIVE, IRRITANT, MUTAGEN, NERVOUS SYSTEM, SOME EVIDENCE OF CARCINOGENICITY

**12. ECOLOGICAL INFORMATION**

## ECOLOGICAL INFORMATION:

NO SPECIFIC STUDIES HAVE BEEN CONDUCTED BY HENKEL ON THE ECOTOXICITY OR ENVIRONMENTAL FATE OF THIS MATERIAL; HOWEVER, COMMONLY AVAILABLE DATA ON THE MATERIAL INDICATE THAT UNCONTROLLED RELEASES TO SOIL, GROUNDWATER, OR SURFACE WATERS COULD ENTAIL ACUTE AND/OR CHRONIC ECOLOGICAL EFFECTS, DEPENDING ON THE QUANTITY AND CONCENTRATION OF SUCH RELEASES. RELEASES OF VOLATILE COMPONENTS TO THE ATMOSPHERE ARE NOT BELIEVED TO ENTAIL SIGNIFICANT ECOLOGICAL CONSEQUENCES PROVIDED SUCH RELEASES ARE WITHIN THE EXPOSURE LEVELS SET FORTH IN THIS DOCUMENT. ACCORDINGLY, ALL APPROPRIATE MEASURES SHOULD BE TAKEN TO AVOID UNCONTROLLED RELEASES TO THE ENVIRONMENT, AND ANY SPILLS OR OTHER UNCONTROLLED RELEASES WHICH MAY OCCUR SHOULD BE CONTAINED AND CLEANED UP IMMEDIATELY IN ACCORDANCE WITH SECTION 6.

**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:  
D001: IGNITABLE.

#### 14. TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR):  
PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE  
HAZARD CLASS OR DIVISION: 2.1  
IDENTIFICATION NUMBER: UN 1950  
PACKING GROUP: NONE  
EXCEPTIONS: CONSUMER COMMODITY ORM-D (NOT MORE THAN 1 LITER)

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA):

PROPER SHIPPING NAME:  
AEROSOLS, FLAMMABLE, CONTAINING SUBSTANCES IN DIVISION 6.1, PACKING GROUP  
III

HAZARD CLASS OR DIVISION: 2.1 (6.1)

IDENTIFICATION NUMBER: UN1950

PACKING GROUP: NONE

WATER TRANSPORTATION (IMO/IMDG):  
PROPER SHIPPING NAME: AEROSOLS  
HAZARD CLASS OR DIVISION: 2  
IDENTIFICATION NUMBER: UN1950  
PACKING GROUP: NONE  
EXCEPTIONS: LIMITED QUANTITY (NOT MORE THAN 120 ML)  
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: METHYLENE CHLORIDE (CAS# 75-09-2).

CERCLA/SARA SECTION 302 EHS: PROPYLENE OXIDE (CAS # 75-56-9).

CERCLA/SARA SECTION 311/312:  
SUDDEN RELEASE, IMMEDIATE HEALTH HAZARD, DELAYED HEALTH HAZARD, FIRE,  
REACTIVE

## 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). METHYLENE CHLORIDE (CAS# 75-09-2). METHANOL (CAS# 67-56-1). PROPYLENE OXIDE (CAS# 75-56-9).

## CALIFORNIA PROPOSITION 65:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

## CANADA REGULATORY INFORMATION:

## CEPA DSL/NDL STATUS:

ALL COMPONENTS ARE LISTED ON OR ARE EXEMPT FROM LISTING ON THE DOMESTIC SUBSTANCES LIST.

WHMIS HAZARD CLASS: A, B.5, D.1.B, D.2.A, D.2.B

**16. OTHER INFORMATION**

THIS MATERIAL SAFETY DATA SHEET CONTAINS CHANGES FROM THE PREVIOUS VERSION IN SECTIONS: 8

PREPARED BY: REGULATORY AFFAIRS

## DISCLAIMER:

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