

LOCTITE CORPORATION -- 79040 LOCTITE(R) 790 CLEANER CHISEL(R) GASKET

=====  
MSDS Safety Information  
=====

FSC: 8030

NIIN: 01-367-3975

MSDS Date: 01/06/1998

MSDS Num: CHVZX

Product ID: 79040 LOCTITE(R) 790 CLEANER CHISEL(R) GASKET REMOVER

MFN: 03

Responsible Party

Cage: 05972

Name: LOCTITE CORPORATION

Address: 1001 TROUT BR

OOK CROSSING

City: ROCKY HILL (FORMALLY IN NEWINGTON) CT 06067

Info Phone Number: 860-571-5100/FAX 860-571-5465

Emergency Phone Number: 860-571-5100/FAX 860-571-5465

Preparer's Name: STEPHEN REPETTO

Published: Y

=====  
Preparer Co. when other than Responsible Party Co.  
=====

Cage: 05972

Name: LOCTITE CORPORATION

Address: 1001 TROUT BROOK CROSSING

City: ROCKY HILL CT 06067-3910  
=====

=====  
Contractor Summary  
=====

Cage: 05972

Name: LOCTITE CORPORATION

Address: 1001 TROUT BROOK CROSSING

City: ROCKY HILL CT 06067-3910

Phone: 860-571-5100

Cage: 62377

Name: PERMATEX INDUSTRIAL

Address: HARTFORD SQUARE N 10 COLUMBUS BLVD

City: HARTFORD CT 06106

Phone: 877-376-2839  
=====

=====  
Item Description Information  
=====

===

Item Manager: GSA  
Item Name: REMOVER,GASKET  
Specification Number: UNKNOWN  
Unit of Issue: CN  
Quantitative Expression: 00000000018OZ  
UI Container Qty: 0  
Type of Container: AEROSOL

=====  
Ingredients  
=====

Cas: 75-09-2  
RTECS #: PA8050000  
Name: METHYLENE CHLORIDE (SARA 313) (CERCLA)  
% Wt: 60-70  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 500 PPM; Z-2  
ACGIH TLV: 50 PPM, A2; 9596  
EPA Rpt Qty: 1000  
LBS  
DOT Rpt Qty: 1000 LBS  
-----

Cas: 106-97-8  
RTECS #: EJ4200000  
Name: BUTANE  
% Wt: 10-30  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 800 PPM  
ACGIH TLV: 800 PPM; 9596  
-----

Cas: 75-28-5  
RTECS #: TZ4300000  
Name: ISOBUTANE  
% Wt: 10-30  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED  
-----

Cas: 74-98-6  
RTECS #: TX2275000  
Name: PROPANE  
% Wt: 10-30  
Other REC Limits: NONE RECOMMENDED  
OSHA

PEL: 1000 PPM  
ACGIH TLV: ASPHYXIAANT; 9596

-----  
Cas: 67-56-1  
RTECS #: PC1400000  
Name: METHYL ALCOHOL (METHANOL) (SARA 313) (CERCLA)  
% Wt: 5-10  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: S, 200 PPM  
ACGIH TLV: S,200PPM/250STEL; 96  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

-----  
Name: NON-HAZARDOUS INGREDIENTS, CAS# PROPRIETARY  
% Wt: 1-3  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

=====  
=====  
Health Hazards Data

=====  
LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: YES  
IARC: YES  
OSHA: NO  
Effects of Exposure: SKIN/EYE IRRIT.MAY IRRIT RESP TRACT.ASPIRATION HAZ IF  
INGEST.MAY CAUSE DIZZ,NARCOSIS IN HI VAP CONC.WILL CAUSE DEFAT OF SKIN.EYE  
IRRIT MAY BE SEVERE,CORNEAL INJURY MAY RESULT.LONG TERM EXPO TO HI C  
ONC OF  
VAP MAY CAUSE LUNG,LIVER,OR KIDNEY DMG.SOLVTS LISTED HAVE BEEN REORTED TO  
AFFECT CNS.METHANOL-BLINDNESS OR(SIGN/SYM)  
Explanation Of Carcinogenicity: PER MSDS:CONTAINS SUBS KNOWN TO STATE OF CA TO  
CAUSE CANC/REPROD HARM.CARC NTP/IARC/OSHA-METHYLENE CHLORIDE;-NOT OSH  
Signs And Symptions Of Overexposure: HEALTH:DEATH IF INGSET.METHYLENE  
CHLORIDE-AFFECT CARDIOVASCULAR SYSTEM. INHAL-DIFFICULTY IN  
BREATHING.SKIN-REDNESS.INGEST-VOMITING.  
Medical Cond Aggravated By Exposure: HEART DISE

ASE, RESPIRATORY DISORDERS.

TARGET ORGANS:CNS,LIVER,LUNGS,EYE.

First Aid: INGEST:DO NOT INDUCE VOMIT.KEEP INDIVIDUAL CALM.OBTAIN MED  
ATTN.GASTRIC LAVAGE.INHAL:REMOVE TO FRESH AIR.IF SYMPTOMS PERSIST OBTAIN MED  
ATTN.GIVE OXYGEN.SKIN:WASH W/SOAP/WATER.EYE:FLUSH @LEAST 15MINS W  
/WATER.OBTAIN MED ATTN.

=====  
Handling and Disposal  
=====

Spill Release Procedures: MAINTAIN GOOD VENTILATION.TAKE UP  
W/INERT

ABSORBENT.STORE IN CLOSED CONTAINER UNTIL DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CONTAINS SARA SEC 313 TOXIC CHEM.FOLLOW EPA & LOC  
REGS FOR DISPO OF CHLORINATED HYDROCARBONS.DONT INCINERATE CANS STILL UNDER  
PRESSURE.EPA HAZ WASTE#:D001/F002-HAZ WASTE PER 40CFR261.21 &  
261.31/METHY LENE CHLORIDE.

Handling And Storage Precautions: STORE AWAY FRM HEAT/SPARK/OPN FLAME,BELOW  
120F.SHELF LIFE INFO-CALL LOCTITE CUSTOMER SERV 800-2

43-4874.AVOID PROL

BREATH VAP.KEEP AWAY FRM EYES.

Other Precautions: AVOID PROL SKIN CONTACT.KEEP AWAY FROM HEAT/SPARK/OPN  
FLAME.DONT SMOKE WHILE USING.WHEN SPRAYING MORE THAN 1/2 CAN OR MNORE THAN 1  
CAN CONSECUTIVELY USE NIOSH APPROVED RESPIRATOR.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: TCC

Flash Point Text: -142F,-97C

Lower Limits: 1.8

Upper Limits: 9.5

Exting

uishing Media: CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures: AEROSOL CANS MAY RUPTURE WHEN HEATED.

Unusual Fire/Explosion Hazard: HEATED CAN MAY BURST.HAZ PROD FORMED BY  
FIRE/THERMAL DECOMP:HALOGEN ACIDS,PHOSGENE.

=====  
Control Measures  
=====

Respiratory Protection: USE SELF-CONTAINED BREATHING APPARATUS WHEN VAPOR CONC  
EXCEEDS TLV.

Ventilation: PROVIDE ADEQU LOC VENTI TO

MAINTAIN VAPOR CONC BELOW TLV.  
Protective Gloves: RUBBER OR PLASTIC GLOVES  
Eye Protection: SAFETY GLASSES OR GOGGLES  
Other Protective Equipment: LONG SLEEVES & LONG PANTS.  
Work Hygienic Practices: WASH HANDS AFTER USE.

=====  
Physical/Chemical Properties  
=====

HCC: V3  
B.P. Text: 0F,-18C  
Vapor Pres: 380 @72F  
Vapor Density: 4.0  
Spec Gravity: 0.9  
PH: NA  
VOC Grams/Liter: 293  
Evaporation Rate & Re  
ference: MORE THAN BUTYL ACETATE  
Solubility in Water: NIL  
Appearance and Odor: CLEAR LIQUID, SOLVENT ODOR

=====  
Reactivity Data  
=====

Stability Indicator: YES  
Stability Condition To Avoid: HIGH TEMPERATURES  
Materials To Avoid: STRONG OXIDIZERS,ACTIVE METALS  
Hazardous Decomposition Products: HALOGEN ACIDS,PHOSGENE. NON-THERMAL:NONE.  
Hazardous Polymerization Indicator: NO

=====  
Toxicological Information  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

=====  
Regulatory Information  
=====

=====  
=====  
Other Information  
=====  
=====

=====  
Transportation Information  
=====

Responsible Party Cage: 05972

Trans ID NO: 129802

Product ID: 79040 LOCTITE(R) 790 CLEANER CHISEL(R) GASKET REMOVER

MSDS Prepared Date: 01/06/1998

Review Date: 10/07/1998

MFN: 3

Net Unit Weight: 0.9 LBS

M

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

Type Of Container: AEROSOL

Additional Data: PER MSDS:DOT GROUND CONSUMER COMMODITY,ORM-D;IATA  
AEROSOL,FLAMM N.O.S.CONTAINING SUBSTANCE IN DIV 6. 1,PKG III,DIV  
2.1,SUBSIDIARY RISK 6.1,UN 1950. IAW IMDG AMDT 28-96 PSN IS AEROSOL UN  
1950,2,PAGE 2102.LABEL IAW COMPETENT AUTHORITY OF CONCERN.

=====  
Detail DOT Information  
=====

=  
DOT PSN Code: AGC

DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,

DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)

Hazard Class: 2.1

UN ID Num: UN1950

Label: FLAMMABLE GAS

Special Provision: N82

Non Bulk Pack: NONE

Bulk Pack: NONE

Max Qty Pass: 75 KG

Max Qty Cargo: 150 KG

Vessel Stow Req: A

Water/Ship/Other Req: 40,48,85  
=====

=====  
Detail IMO Information  
=====

IMO PSN Code: XXX  
=====

=====  
Detail IATA Information  
=====

IATA PSN Code: AMM  
IATA UN ID Num: 1950  
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE, CONTAINING SUBSTANCES IN  
DIVISION 6.1, PACKING GROUP III  
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)  
IATA UN Class: 2.1  
Subsidiary Risk Class: 6.1  
IATA Label: FLAMMABLE GAS & TOXIC  
Packing Note Passenger: 203  
Max Quant Pass: 75 KG  
Max Quant Cargo: 150 KG  
Packaging Note Cargo: 20  
3

=====  
Detail AFI Information  
=====

AFI PSN Code: ALR  
AFI Symbols: \*  
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.  
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)  
AFI Hazard Class: 2.1  
AFI UN ID NUM: UN1950  
Special Provisions: P4  
Back Pack Reference: A6.3

=====  
HAZCOM Label  
=====

Produ  
ct ID: 79040 LOCTITE(R) 790 CLEANER CHISEL(R) GASKET REMOVER  
Cage: 05972  
Company Name: LOCTITE CORPORATION  
Street: 1001 TROUT BROOK CROSSING  
City: ROCKY HILL CT  
Zipcode: 06067-3910  
Health Emergency Phone: 860-571-5100\FAX 860-571-5465  
Label Required IND: Y  
Date Of Label Review: 10/07/1998  
Status Code: C  
Label Date: 10/07/1998  
Origination Code: F  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Conta

ct Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: SKIN/EYE/RESP TRACT IRRIT.ASPIRATION HAZ IF  
INGEST.DIZZ,NARCOSIS IN HI VAP CONC.DEFAT OF SKIN.EYE IRRIT MAY BE  
SEVERE,CORNEAL INJURY MAY RESULT.LONG TERM EXPO TO HI CONC OF VAP MAY CAUSE  
LUNG,LIVER,OR KIDNEY DMG.SOLVTS LISTED HAVE BEEN REORTED TO AFFECT  
CNS.METHANOL-BLINDNESS OR DEATH.METHYLENE CHLORIDE AFFECT CARDIOVASCULAR  
SYS.CONTAINS CANC SUBSTANCE.AVOID PROL BREATH VAP.KEEP AWAY FRM EYES. FIR ST

AID: INGEST:DO NOT INDUCE VOMIT.KEEP INDIVIDUAL CALM.OBTAIN MED  
ATTN.GASTRICLAVAGE.INHAL:REMOVE TO FRESH AIR.IF SYMPTOMS PERSIST OBTAIN MED  
ATTN.GIVE OXYGEN.SKIN:WASH W/SOAP/WATER.EYE:FLUSH @LEAST 1 5MINS W/H2O.GET  
MED ATTN.TARORG:CNS/LIV/EYE/LUNG

=====  
Disclaimer (provided with this information by the compiling agencies): This  
information is formulated for use by elements of the Department of Defense.

The United States of America in  
no manner whatsoever expressly or implied  
warrants, states, or intends said information to have any application, use or  
viability by or to any person or persons outside the Department of Defense  
nor any person or persons contracting with any instrumentality of the United  
States of America and disclaims all liability for such use. Any person  
utilizing this instruction who is not a military or civilian employee of the  
United States of America should seek competent professional advice to  
verify  
and assume responsibility for the suitability of this information to their  
particular situation regardless of similarity to a corresponding Department  
of Defense or other government situation.