

LOCTITE CORP -- BLACK MAX BLACK TOUGH ADHESIVE, 38050

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MSDS Safety Information
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FSC: 8040
NIIN: 01-406-8424
MSDS Date: 01/03/1995
MSDS Num: BXTLH
Product ID: BLACK MAX BLACK TOUGH ADHESIVE, 38050
MFN: 01
Responsible Party
Cage: 7K128
Name: LOCTITE CORP
Address: 1001 TROUT BROOK CROSSING
City: ROCK
Y HILL CT 06067-3910
Info Phone Number: 203-571-5100
Emergency Phone Number: 203-571-5100
Preparer's Name: STEPHEN REPETTO
Published: Y

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Contractor Summary
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Cage: 7K128
Name: LOCTITE CORP
Address: 705 N MT RD
City: NEWINGTON CT 06111
Phone: 312-689-6200
Cage: 05972
Name: LOCTITE CORPORATION
Address: 1001 TROUT BROOK CROSSING
City: ROCKY HILL CT 06067-3910
Phone: 860-571-5100

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Item Description Information
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Item Manager: N35
Item Name: ADHESIVE
Unit of Issue: OZ
UI Container Qty: 1

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Ingredients
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Cas: 7085-85-0
RTECS #: UD3330000
Name: 2-PROPENOIC ACID, 2-CYANO-, ETHYL ESTER; (ETHYL CYANOACRYLATE)
% Wt: 85-90
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Cas: 54545-50-5

Name: 2-BUTENEDIOIC ACID (Z)-, MONOETHYL ESTER, POLYMER W/ETHENE & METHYL
OTHERS; (ETHYLENE COPOLYMER RUBBER)

% Wt: 7-12

OSHA PEL: N/K (FP N)

ACGIH TLV: N/K (FP N)

Cas: 1333-86-4

RTECS #: FF5800000

Name: CARBON BLACK

% Wt: 1-3

OSHA PEL: 3.5 MG/M3

ACGIH TLV: 3.5 MG/M3

Cas: 85-44-9

RTECS #: TI3150000

Name: PHTHALIC ANHYDRIDE (SARA 313) (CERCLA) LEL:1.7% UEL:10.5%

% Wt: 0.1-1

OSHA PEL: 2 PPM

ACGIH

H TLV: 1 PPM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

Cas: 123-31-9

RTECS #: MX3500000

Name: HYDROQUINONE (SARA 302/313) (CERCLA)

% Wt: 0.1-0.5

OSHA PEL: 2 MG/M3

ACGIH TLV: 2 MG/M3

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB
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Health Hazards Data
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LD50 LC50 Mixture: LD50(ORAL):>5000 MG/KG

Route Of Entry Inds - Inhalation: NO

Skin: NO

Ingestion: NO

Carcinogeni

city Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: TOXICITY:SKIN CONTACT MAY CAUSE BURNS. BONDS SKIN RAPIDLY AND STRONGLY. SKIN AND EYE IRRITANT. PROD IS VERY FAST SETTING & STRONG ADHESIVE. IT BONDS HUMAN TISS INCLUDING SKIN IN SECONDS. EXPER HAS SHOWN THAT ACCIDENTS DUE TO PROD ARE HANDLED BEST BY PASSIVE, NONSURGICAL FIRST AID. TREATMENT OF SPECIFIC TYPES OF ACCIDENTS ARE GIVEN IN FIRST AID. SKIN:AVOID CONT W/CLTHS, FABRICS, RAGS/TISS. CONT W/MATLS MAY CAUSE POLYM. POLYM OF LG

AMTS OF PROD WILL GENERATE HEAT CAUSING SMK, SKIN BURNS, & STRONG, IRRIT VAPS. WEAR NITRILE/POLYETHYLENE GLOVES & APRON WHEN HANDLING LG AMTS OF PROD. ADHESIVE ON EYEBALL: PROD INTRODUCED INTO (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptoms Of Overexposure: HLTH HAZS: EYES WILL ATTACH ITSELF TO EYE PROTEIN & WILL DISASSOC FROM IT OVER INTERMITTENT PERIODS, GENERALLY COVERING SEVERAL HRS. THIS WILL CAUSE PERIODS OF WEEPING UNTIL CLEARANCE IS

ACHIEVED. DURING PERIOD OF CONTAM, DOUBLE VISION MAY BE EXPER TOGETHER W/LACHRYMATORY EFT, & IT IS IMPORTANT TO UNDERSTAND CAUSE & REALIZE THAT DISASSOC WILL NORMALLY OCCUR W/IN MATTER OF HRS, EVEN WITH GROSS CONTAM. BURNS:PROD GIVES OFF HEAT ON SOLIDIFICATION. IN RARE CASES LG DROP WILL INCREASE IN TEMP ENOUGH TO CAUSE BURN. SIGNS & SYMPS OF OVEREXP:VAP IS IRRIT TO EYES & MUC MEMBS ABOVE TLV. PRLNGD & RPTD OVEREXP TO VAPS MAY PRDCE ALLERGIC(SUPDAT)

Medical Cond Aggravated By Exposure: NONE KNOWN.

First Aid: INGEST:IF LIPS ARE ACCIDENTALLY STUCK TOGETHER, APPLY LOTS OF WARM WATER & ENCOURAGE MAX WETTING & PRESS FROM SALIVA INSIDE MOUTH. PEEL/ROLL LIPS APART. DO NOT TRY TO PULL LIPS W/DIRECT OPPOSING ACTION. IT IS ALMOST IMPOSS TO SWALLOW PROD.ADHESIVE SOLIDIFIES & ADHERES IN MOUTH. SALIVA WILL LIFT ADHESIVE IN 1/2-2 DAYS. IN CASE LUMP FORMS IN MOUTH, PVNT INGEST OF LUMP WHEN IT DETACHES. SKIN:SOAK IN WARM, SOAPY WATER.

REMOVE EXCESSIVE ADHESIVE. ADHESIVE WILL COME LOOSE IN SEVERAL HRS. CURED ADHESIVE DOES NOT PRESENT HLTH HAZ EVEN WHEN BONDED TO SKIN. SKIN ADHESION:FIRST IMMERSER BONDED SURFS IN WARM, SOAPY WATER. PEEL/ROLL SURFS(SUPDAT)

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Handling and Disposal
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Spill Release Procedures: FLOOD WITH WATER TO POLYMERIZE COMPLETELY. SOLID POLYMER IS NON-HAZARDOUS.

Neutralizing Agent: NONE SPECIFIE

D BY MANUFACTURER.

Waste Disposal Methods: DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL REGULATIONS (FP N). AFTER POLYMERIZATION AS ABOVE, INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS. PHTHALIC ANHYDRIDE IS LISTED BY EPA AS HAZARDOUS WASTE.

Handling And Storage Precautions: SAFE STORAGE:STORE BELOW 75F. (CONTACT LOCTITE CUSTOMER SERVICE 1-800-243-4874 FOR SHELF LIFE INFORMATION).

Other Precautions: AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR.

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Fire and Explosion Hazard Information

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Flash Point Method: TCC

Flash Point Text: >150F,>66C

Lower Limits: SEE ING 4

Upper Limits: SEE ING 4

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard: HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:IRRITATING ORGANIC VA
PORS.

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Control Measures

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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: POS DOWN-DRAFT EXHST VENT SHOULD BE PROVIDED TO MAINTAIN VAP CONC BELOW TLV.

Protective Gloves: NITRILE OR POLYETHYLENE GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EMERGENCY EYE WASH & DELUGE SHO
WER WHICH MEET ANSI

DESIGN CRITERIA (FP N). NITRILE OR POLYETHYLENE APRON.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: EFTS OF OVEREXP: RXNS W/ASTHMA-LIKE SYMPS IN SENSITIVE INDIVIDUALS. FIRST AID: APART W/AID OF BLUNT EDGE, E.G.

SPATULA/TEASPOON HNDL; THEN REMOVE ADHESIVE FROM SKIN W/SOAP & WATER. DO NOT TRY TO PULL SURFS APART W/DIRECT OPPOSING ACTION. EYES: FLUSH W/WATER FOR AT LST 15 MIN. IN EVENT THAT EYELIDS ARE STUCK(OTHER INFO)

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Physical/Chemical Properties
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HCC: F6

B.P. Text: >300F,>149C

Vapor Pres: <0.2

Vapor Density: 3

Volatile Org Content %: 88

Spec Gravity: 1.1

Solubility in Water: POLYMERIZED BY WATER

Appearance and Odor: VISCOUS, BLACK LIQUID WITH A SHARP, IRRITATING ODOR.
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: POLYMERIZED BY CONTACT WITH WATER, ALCOHOLS, AMINES,
ALKALIES.

Hazardous Decomposition Products: NONE

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT
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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Other Informa

tion: SUPDAT: TOGETHER/BONDED TO EYEBALL, WASH THORO W/WARM WATER
& APPLY GAUZE PATCH. EYE WILL OPEN W/OUT FURTHER ACTION, TYPICALLY IN 1-4
DAYS. THERE WILL BE NO RESIDUAL DMG. DO NOT TRY TO OPEN EYES BY MA
NIPULATION. BURNS:SHOULD BE TREATED NORMALLY AFTER LUMP PROD IS RELSD FROM
TISS AS DESCRIBED IN HLTH HAZS. SURGERY:IT SHOULD NEVER BE NEC TO USE SUCH
DRASTIC METH TO SEPARATE ACCIDENTALLY BONDED SKIN.
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Transportation Informa

tion

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Responsible Party Cage: 7K128
Trans ID NO: 134494
Product ID: BLACK MAX BLACK TOUGH ADHESIVE, 38050
MSDS Prepared Date: 01/03/1995
Review Date: 12/18/1995
MFN: 1
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: OZ
Container QTY: 1
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Detail DOT Information
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DOT PSN Code: AFT
DOT Proper Shipping Name: ADHESIVES,
DOT PSN Modifier: CONTAINING A FLAMMABLE LIQUID
Hazard Class: 3
UN ID Num: UN1133
DOT Packaging Group: III
Label: FLAMMABLE LIQUID
Special Provision: B1,B52,T7,T30
Packaging Exception: 150
Non Bulk Pack: 173
Bulk Pack: 242
Max Qty Pass: 60 L
Max Qty Cargo: 220 L
Vessel Stow Req: A
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Detail IMO Information
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IMO PSN Code: AIL
IMO Proper Shipping Name: ADHESIVES,
IMO PSN Modifier: CONTAINING A FLAMMABLE
LIQUID o
IMDG Page Number: 3302
UN Number: 1133
UN Hazard Class: 3.3
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 3-05
MED First Aid Guide NUM: 330
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Detail IATA Information
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IATA PSN Code: ALD
IATA UN ID Num: 1133
IATA Proper Shipping Name: ADHESIVES
IATA PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: III
Pack

ing Note Passenger: 309
Max Quant Pass: 60L
Max Quant Cargo: 220L
Packaging Note Cargo: 310

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Detail AFI Information
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AFI PSN Code: ALD
AFI Proper Shipping Name: ADHESIVES
AFI PSN Modifier: ,CONTAINING FLAMMABLE LIQUID
AFI Hazard Class: 3
AFI UN ID NUM: UN1133
AFI Packing Group: III
Special Provisions: P5

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HAZCOM Label
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Product ID: BLACK MAX BLACK TOUGH ADHESIVE, 38050

Cage: 7K128

Company Name: LOCTITE CORP

Street: 705 N MT RD

City: NEWINGTON CT

Zipcode: 06111

Health Emergency Phone: 203-571-5100

Label Required IND: Y

Date Of Label Review: 06/05/1995

Status Code: C

Label Date: 06/05/1995

Origination Code: G

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard:

Moderate

Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE LIQUID. AVOID EYE AND SKIN CONTACT.

ACUTE:TOXICITY:SKIN CONTACT MAY CAUSE BURNS. BONDS SKIN RAPIDLY AND STRONGLY.
SKIN AND EYE IRRITANT. PRODUCT IS VERY FAST SETTING AND STRONG ADHESIVE. I T
BONDS HUMAN TISSUE INCLUDING SKIN IN SECONDS. EXPERIENCE HAS SHOWN THAT
ACCIDENTS DUE TO PRODUCT ARE HANDLED BEST BY PASSIVE, NONSURGICAL FIRST AID.
CHRONIC:PROLONGED OR REPEATED OVEREXPOSURE TO VAP ORS MAY PRODUCE ALLERGIC
REAC

TIONS WITH ASTHMA-LIKE SYMPTONS IN SENSITIVE INDIVIDUALS.

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