

LOCTITE CORPORATION -- BLACK MAX, BLACK TOUGHENED ADHESIVE

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MSDS Safety Information  
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FSC: 6650  
NIIN: 01-328-5135  
MSDS Date: 05/03/1993  
MSDS Num: BTRYV  
Product ID: BLACK MAX, BLACK TOUGHENED ADHESIVE  
MFN: 01  
Responsible Party  
Cage: 05972  
Name: LOCTITE CORPORATION  
Address: 705-NORTH MOUNTAIN ROAD  
City: NE  
WINGTON CT 06111-1411  
Info Phone Number: 203-278-1280 TELEX: 275207  
Emergency Phone Number: 203-278-1280  
Preparer's Name: STEPHEN REPETTO  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 13567  
Name: ITT CORP, ITT ELECTRO-OPTICAL PRODUCTS  
Address: UNKNOWN  
City: UNKNOWN NK 00000  
Phone: UNKNOWN  
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: B16  
Item Name: FILTER,LIGHT,INTERFERENCE  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: EA  
UI Container Qty: 1  
Type of Container: METAL

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Ingredients  
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Cas: 7085-85-0  
Name: ETHYL CYAN

OACRYLATE

% Wt: 85-90

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Cas: 54545-50-5

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

% Wt: 7-12

Other REC Limits: NONE SPECIFIED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

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Cas: 1333-86-4

RTECS #: FF5800000

Name: CARBON BLACK

% Wt: 1-3

Other REC Limits: 5 MG/M3

OSHA PEL: 3.5 MG/M3

ACGIH TLV: 3.5 MG/M3;

9394

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Cas: 85-44-9

RTECS #: TI3150000

Name: PHTHALIC ANHYDRIDE (SARA III)

% Wt: 0.1-1

Other REC Limits: NONE SPECIFIED

OSHA PEL: 2 PPM

ACGIH TLV: 1 PPM; 9394

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 123-31-9

RTECS #: MX3500000

Name: HYDROQUINONE (SARA III)

% Wt: 0.1-0.5

Other REC Limits: NONE SPECIFIED

OSHA PEL: 2 MG/M3

ACGIH TLV: 2 MG/M3; 9394

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

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RTECS #: 999999

9VO  
Name: VOLATILE ORGANIC CONTENT = 87.9  
% Wt: 87.9  
Other REC Limits: NONE SPECIFIED  
OSHA PEL: NOT ESTABLISHED  
ACGIH TLV: NOT ESTABLISHED

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Health Hazards Data  
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LD50 LC50 Mixture: ESTIMATED LD50 (ORAL RAT) IS >5000 MG/KG

Route Of Entry Inds - Inhalation: NO

Skin: NO

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: VAPOR IS IRRITATING TO EYES & M

UCOUS MEMBRANES ABOVE

TLV. PROLONGED & REPEATED OVEREXPOSURE TO VAPOR MAY PRODUCE ALLERGIC REACTIONS W/ASTHMA-LIKE SYMPTOMS IN SENSITIVE INDIVIDUALS. CYANOACRYLATE ADHESIVE IS VERY FAST SETTING & STRONG ADHESIVE. IT BONDS HUMAN TISSUE INCLUDING SKIN IN SECONDS.

Explanation Of Carcinogenicity: THIS CHEMICAL IS NOT CONSIDERED TO BE CARCINOGENIC BY NTP, IARC OR OSHA.

Signs And Symptoms Of Overexposure: VAPOR IS IRRITATING TO EYES & MUCOUS MEMBRANES ABOVE TLV. PROLONGED &

p; REPEATED OVEREXPOSURE TO VAPOR MAY

PRODUCE ALLERGIC REACTIONS W/ASTHMA-LIKE SYMPTOMS IN SENSITIVE INDIVIDUALS. CYANOACRYLATE ADHESIVE IS VERY FAST SETTING & STRONG ADHESIVE. IT BONDS HUMAN TISSUE INCLUDING SKIN IN SECONDS.

Medical Cond Aggravated By Exposure: NONE KNOWN

First Aid: ACCIDENTS BEST HANDLED BY PASSIVE NON-SURGICAL FIRST AID.

SKIN/MOUTH:IMMERSE BONDED SURFACE IN WARM SOAPY WATER. PEEL OR ROLL SURFACES APART W/AID OF BLUNT EDGE. DO NOT TRY TO PULL SURFACES APART. EYE

LID:EYE

WILL OPEN W/OUT FURTHER ACTION IN 1-4 DAYS. EYEBALL: DISASSOCIATION NORMALLY OCCURS W/IN MATTER OF HRS. INHAL:REMOVE TO FRESH AIR. SKIN:LARGE DROP MAY CAUSE A BURN. TREAT AS ANY THERMAL BURN.

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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: NO INFORMATION GIVEN BY MFR ON MSDS.

Waste Disposal Methods: AFTER POLYMERIZATION AS ABOVE, INCINERATE FOLLOWING EPA AND LOCAL REGULATIONS. PHTHALIC ANHYDRIDE IS LISTED BY EPA AS HAZARDOUS WASTE.

Handling And Storage Precautions: STORE BELOW 75 F TO MAXIMIZE SHELF LIFE. AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR.

Other Precautions: NONE

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC

Flash

Flash Point Text: >150F,>66C

Lower Limits: 1.7

Upper Limits: 10.5

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard: NONE

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Control Measures  
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Respiratory Protection: NO INFORMATION GIVEN BY MFR ON MSDS.

Ventilation: POSITIVE DOWN DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

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Protective Gloves: POLYETHYLENE GLOVES DO NOT USE COTTON!

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equipment: POLYETHYLENE APRONS (NOT COTTON)

Work Hygienic Practices: MFR: ? :USE STRICT CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY EXPOSURE. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health: KEY1:N1

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Physical/Chemical Properties  
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HCC: T4

NRC/St

State LIC No: NONE

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

M.P/F.P Text: UNKNOWN

Decomp Text: UNKNOWN

Vapor Pres: <0.2 MM

Vapor Density: APPROX 3

Spec Gravity: 1.1

PH: "N/A"

Evaporation Rate & Reference: NOT AVAILABLE

Solubility in Water: POLYMERIZED BY WATER

Appearance and Odor: VISCOUS, BLACK LIQUID; SHARP IRRITATING ODOR

Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: YES

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ability Condition To Avoid: NO INFORMATION GIVEN BY MFR ON MSDS.  
Materials To Avoid: POLYMERIZES BY CONTACT WITH WATER, ALCOHOLS, AMINES,  
ALKALIES.  
Hazardous Decomposition Products: IRRITATING ORGANIC VAPORS  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.

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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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Transportation Information  
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Responsible Party Code: 05972  
Trans ID NO: 125754  
Product ID: BLACK MAX, BLACK TOUGHENED ADHESIVE  
MSDS Prepared Date: 05/03/1993  
Review Date: 07/27/1994  
MFN: 1  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: EA  
Container QTY: 1  
Type Of Container: METAL

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Detail DOT Information  
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DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

IATA Proper S

hipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information

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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label

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Product ID: BLACK MAX, BLACK TOUGHENED ADHESIVE

Cage: 05972

Company Name: LOCTITE CORPORAT  
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Street: 1001 TROUT BROOK CROSSING

City: ROCKY HILL CT

Zipcode: 06067-3910

Health Emergency Phone: 203-278-1280

Label Required IND: Y

Date Of Label Review: 07/27/1994

Status Code: C

Label Date: 07/27/1994

Origination Code: G

Hazard And Precautions: VAPOR IRRITATING TO EYES & MUCOUS MEMBRANES  
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ADHESIVE. IT BONDS HUMAN TISSUE  
INCLUDING SKIN IN SECONDS. N/K

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