

LOCTITE CORPORATION -- SUPERBONDER 499 THERMAL CYCLING RESISTANT A

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MSDS Safety Information  
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FSC: 8040  
NIIN: 00-142-9193  
MSDS Date: 08/05/1991  
MSDS Num: BGZYH  
Product ID: SUPERBONDER 499 THERMAL CYCLING RESISTANT A  
MFN: 01  
Responsible Party  
Cage: 05972  
Name: LOCTITE CORPORATION  
Address: 1001 TROUT BROOK CROSSI  
NG  
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

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Preparer Co. when other than Responsible Party Co.  
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Cage: 05972  
Name: LOCTITE CORPORATION  
Address: 1001 TROUT BROOK CROSSING  
City: ROCKY HILL CT 06067-3910

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Contractor Summary  
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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: GSA  
Item Name: ADHESIVE  
Specification Number: A-A-6097  
Type/Grade/Class: 2 TYPE, 2 CLASS  
Unit of Issue: BX  
Quantitativ

e Expression: 00000000010EA  
UI Container Qty: B  
Type of Container: PLASTIC BTL

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Ingredients  
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Name: ETHYL CYANOACRYLATE  
% Wt: 85-90%

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Name: POLY (METHYL METHACRYLATE)  
% Wt: 5-10%

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Cas: 60676-86-0  
RTECS #: VV7328000  
Name: SILICA, CRYSTALLINE - FUSED  
% Wt: 5-10%  
Other REC Limits: 30 MG/CUM TOTAL DUST  
OSHA PEL: SEE TABLE Z3  
ACGIH TLV  
: 0.1 MG/M3 RDUST;9293

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Cas: 85-44-9  
RTECS #: TI3150000  
Name: PHTHALIC ANHYDRIDE (SARA III)  
% Wt: 0.1 - 1  
OSHA PEL: 2 PPM  
ACGIH TLV: 1 PPM; 9293  
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  
OSHA PEL: 2 MG/M3  
ACGIH TLV: 2 MG/M3; 9192  
EPA Rpt Qty: 1 LB  
DOT Rpt Qty: 1 LB

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Health Hazards Data  
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LD50 LC50 Mixture: ORAL LD50: >5000 MG/KG

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION: IRRITATING TO EYES, MUCOUS MEMBRANES & SKIN. SKIN: PROLONGED/REPEATED OVEREXPOSURE MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA, & SENSITIVE. \*BONDS SKIN RAPIDLY AND STRONGLY.\*

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: INHALATION:

IRRITATING TO EYES, MUCOUS

MEMBRANES & SKIN. SKIN: PROLONGED/REPEATED OVEREXPOSURE MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA & SENSITIVE.

Medical Cond Aggravated By Exposure: NONE KNOWN.

First Aid: SKIN: IMMERSIVE IN WARM SOAPY WATER. PEEL/ROLL SURFACES APART W/ AID OF BLUNT EDGE. REMOVE W/ SOAP & WATER. DON'T PULL SURFACES APART W/ A DIRECT OPPOSING ACTION. EYE: WASH W/ WARM WATER. APPLY A GAUZE PATCH. EYE WILL OPEN IN 1-4 DAYS. MOUTH: APPLY LOTS OF WARM WATER. PEEL/ROLL LIPS APART. DON'T

PULL. IT'S ALMOST IMPOSSIBLE TO SWALLOW CYANOACRYLATE. BURNS TREAT NORMALLY AFTER LUMP IS REMOVED.

#### Handling and Disposal

Spill Release Procedures: FLOOD W/WATER TO POLYMERIZE. SOAK UP IN AN INERT ABSORBENT.

Waste Disposal Methods: POLYMERIZE WITH WATER. LANDFILL OR INCINERATE FOLLOWING EPA & LOCAL REGULATIONS.

Handling And Storage Precautions: STORE <75

F. AVOID CONTACT W/SKIN & EYES. AVOID BREATHING VAPOR.

#### Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point Text: 150F,66C

Extinguishing Media: CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard: NONE

#### Control Measures

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Ventilation: PROVIDE LOCAL EXHAUST VENTILATION TO KEEP <TLV.

Protective Gloves: POLYETHYLENE

Eye Protection: SAFETY GLASSES, GOGGLES

Other Protective Equipment: DON'T USE COTTON GLOVES.

Supplemental Safety and Health: CYANOACRYLATE ADHESIVE IS A VERY FAST SETTING  
& STRONG ADHESIVE. IT BONDS HUMAN TISSUE INCLUDING SKIN IN SECONDS.

EXPERIENCE HAS SHOWN THAT ACCIDENTS DUE TO CYANOACRYLATE ARE HANDLED BEST BY  
PASSIVE, NON-SURGICAL FIRST AID.

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Physical/Chemical Properties

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HCC: V5

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

Decomp Text: UNKNOWN

Vapor Pres: <0.2

Vapor Density: 3

Spec Gravity: 1.1

Solubility in Water: POLYMERIZED BY WATER

Appearance and Odor: CLEAR LIQUID; SHARP, IRRITATING ODOR

Percent Volatiles by Volume: 76.2

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Reactivity Data

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Stability Indicator:

YES

Materials To Avoid: WATER, ALCOHOLS, AMINES, ALKALIES

Hazardous Decomposition Products: IRRITATING ORGANIC VAPORS.

Hazardous Polymerization Indicator: NO

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Toxicological Information

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Ecological Information

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MSDS Trans

port 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 C

age: 05972  
Trans ID NO: 50189  
Product ID: SUPERBONDER 499 THERMAL CYCLING RESISTANT A  
MSDS Prepared Date: 08/05/1991  
Review Date: 08/20/1991  
MFN: 1  
Net Unit Weight: 0.07 LB  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: BX  
Container QTY: B  
Type Of Container: PLASTIC BTL  
Additional Data: NONE

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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 Shipping 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: SUPERBONDER 499 THERMAL CYCLING RESISTANT A  
Cage: 05972  
Company Name: LOCTITE CORPORATION  
Street: 1001 TROUT BROOK CROSSING  
City: ROCKY HILL CT  
Zipcode: 06067-3

910  
Health Emergency Phone: 203-278-1280  
Label Required IND: Y  
Date Of Label Review: 08/20/1991  
Status Code: C  
Label Date: 08/20/1991

Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Health Hazard: Slight  
Contact Hazard: Moderate  
Fire Hazard: Moderate  
Reactivity Hazard: Moderate

Hazard And Precautions: INHALATION: IRRITATING TO EYES, MUCOUS MEMBRANES &  
SKIN. SKIN: PROLONGED/REPEATED OVEREXPOSURE MAY PRODUCE ALLERGIC REACTIONS  
WITH ASTHMA, & SE  
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