

ELMER'S PRODUCTS INC

-- CRAFT BOND MULTI-PURPOSE SPRAY GLUE, 3-421 (A

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MSDS Safety Information  
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FSC: 8040  
MSDS Date: 03/10/1998  
MSDS Num: CJHSC  
LIIN: 00N091308  
Product ID: CRAFT BOND MULTI-PURPOSE SPRAY GLUE, 3-421 (AEROSOLS)  
MFN: 01  
Responsible Party  
Cage: ELMER  
Name: ELMER'S PRODUCTS INC  
Address: 1000 KINGSMILL PARKWAY  
City: COLUMBUS OH 43229  
Info Phone Number: 614-431-6680  
Emergency Phone Number: 800-228-5635 EXT 22  
Resp. Party Other MSDS No.: 060 E421  
Published: Y

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Contractor Summary  
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Cage: ELMER  
Name: ELMER'S PRODUCTS INC  
Address: 1000 KINGSMILL PARKWAY  
City: COLUMBUS OH 43229  
Phone: 614-431-6680

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Ingredients  
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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE LD50: (ORAL, RAT) 10.7 ML/KG (MERCK)  
% low Wt: 10.  
% high Wt: 30.  
OSHA PEL: 2400 MG/M3;1000 PPM  
ACGIH TLV: 1780 MG/M3;750 PPM  
ACGIH STEL: 2380 MG/M3;1000 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 115-10-6  
RTECS #: PM4780000  
Name: METHYL ETHER; (DIMETHYL OXIDE)  
% low Wt: 50.  
% high Wt: 70.

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Cas: 142-82-5  
RTECS #: MI7700000  
Name: HEPTANE  
% low Wt: 10.  
% high Wt: 30.  
OSHA PEL: 2000 MG/M3;500 PPM  
ACGIH TLV: 1640 MG/M3;400 PPM  
ACGIH STEL: 2050 MG/M3;500 PPM

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Health Hazards Data

LD50 LC50 Mixture: SEE INGREDIENT 1  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO

Effects of Exposure: IMMEDIATE HAZARDS: INGESTION: NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE. IF ACCIDENTALLY SWALLOWED, BURNS OR IRRITATION TO MUCOUS MEMBRANES, ESOPHAGUS OR GI TRACT CAN RESULT. INHALATION: MAY BE HARMFUL IF INHALED. LIQUID OR VAPOR MAY CAUSE IRRITATION OF NOSE, THROAT & LUNGS. CAN CAUSE CNS DEPRESSION. SKIN: CAUSES IRRITATION. EYES: CAUSES IRRITATION. ACETONE (67-64-1): CAN CAUSE CNS DEPRESSION. SIGNS & SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS & EVEN ASPHYXIATION. DIMETHYL OXIDE (115-10-6): CAN CAUSE CNS DEPRESSION. SIGNS & SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, (EFTS OF OVEREXP)

Signs And Symptoms Of Overexposure: HLTH HAZS: NAUSEA, VOMITING, UNCONSCIOUSNESS & EVEN ASPHYXIATION. HEPTANE (142-82-5): CAN CAUSE CNS DEPRESSION. SIGNS & SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING, UNCONSCIOUSNESS & EVEN ASPHYXIATION. DELAYED HAZARDS: ACETONE (67-64-1): INGESTION MAY CAUSE LIVER DAMAGE. AS OF THE DATE OF ISSUANCE OF THIS DOCUMENT, THIS MATERIAL HAS NOT BEEN LISTED BY NTP, CLASSIFIED BY IARC NOR REGULATED BY OSHA AS A CARCINOGEN.

First Aid: INGEST: IF ACCIDENTALLY SWALLOWED, DILUTE BY DRINKING LARGE QTY'S OF WATER. IMMEDIATE CONTACT POISON CONTROL CENTER OR HOSPITAL EMERGENCY ROOM FOR ANY OTHER ADDITIONAL TREATMENT DIRECTIONS. INHAL: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. CALL A PHYSICIAN. SKIN: FLUSH W/PLENTRY OF WATER. REMOVE CONTAMINATED CLOTHING. CALL A PHYSICIAN IF IRRITATION PERSISTS. EYES: IMMEDIATELY FLUSH EYES W/PLENTRY OF WATER FOR AT LEAST 15 MINUTES. EYELIDS SHOULD BE HELD APART DURING IRRIGATION TO INSURE WATER CONTACT W/ENTIRE SURFACE OF EYES & LIDS. CALL PHYSICIAN.

#### Handling and Disposal

Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. SOAK UP WITH ABSORBENT MATERIAL AND REMOVE TO A CHEMICAL DISPOSAL AREA. PREVENT ENTRY INTO NATURAL BODIES OF WATER.

Waste Disposal Methods: DISPOSE OF ACCORDING TO LOCAL, STATE/PROVINCIAL AND FEDERAL REQUIREMENTS. EMPTY CONTAINER: MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEARBY. INCINERATION WILL CAUSE CONTAINER TO BURST VIOLENTLY.

Handling And Storage Precautions: STORE IN COOL, DRY PLACE. EMPTY CNTNR MAY CONTAIN PROD RESIDUES. DO NOT CUT, TORCH OR REUSE W/OUT COMMERCIAL CLEANING. KEEP CNTNRS TIGHTLY CLOSED. DO NOT STORE AT TEMPERATURES ABOVE 50C. KEEP AWAY FROM HEAT, SPARKS, FLAME & OTHER IGNIT SOURCES. DO NOT STORE NEAR STRONG OXIDIZING CHEMICALS.

Other Precautions: USE W/ADEQ VENT. TO AVOID BRTHG VAPS/SPRAY MIST, OPEN WINDOWS & DOORS OR USE OTHER MEANS, SUCH AS EXHST FAN TO ENSURE FRESH AIR ENTRY DURING APPLICATN & DRYING. IF YOU EXPERIENCE EYE WATERING, HDCH/DIZZ, INCR FRESH AIR, WEAR NIOSH APPRVD RE SP PROT (NIOSH TC23C OR EQUIV) OR LEAVE AREA. AVOID CNTCT W/SKIN & CLTHG & EYES.

#### Fire and Explosion Hazard Information

Flash Point Method: TOC  
Flash Point: =-41.1C, -42.F  
Lower Limits: 3.4%  
Upper Limits: 18%  
Extinguishing Media: IN CASE OF FIRE, USE DRY CHEMICAL, FOAM OR CARBON DIOXIDE.  
Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE CLOTHING(FP N). WATER MAY BE INEFFECTIVE, BUT SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL.  
Unusual Fire/Explosion Hazard: EXTREMELY FLAM. DO NOT INCIN (BURN) CNTNR. AVOID HEAT. KEEP CNTNR BELOW 120F(50C). HIGH TEMPS MAY CAUSE BURSTING. DO NOT PLACE CNTNR ON RADIATOR, STOVE, IN DIRECT SUNLIGHT OR NEAR OTHER HEAT SOURCES. DO NOT PUNCTURE CNTNR. CONTENTS UNDER PR ESS WILL DISCHRG. AVOID OPEN FLAMES, SPKS, PILOT LIGHTS. DO NOT (SUPDAT)

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Control Measures  
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Respiratory Protection: WHERE AIR CONTAMINANTS CAN EXCEED ACCEPTABLE CRITERIA,USE NIOSH APPRVD RESP PROT EQUIP. RESPS SHOULD BE SELECTED BASED ON FORM & CONCENTRATION OF CONTAMINANTS IN AIR I/A/W OSHA LAWS & REGS OR OTHER APPLIC STANDARDS OR GUIDELINES, INCLUDING ANSI STANDARDS REGARDING RESP PROT.

Ventilation: FOLLOWING EXPOS CONTROL TECHNIQUES MAY BE USED TO EFTIVELY MINIMIZE EMPLOYEE EXPOS: LOC EXHST, VENT, ENCLOSED SYS DESIGN, PROCESS ISOLATION & REMOTE (SUPDAT)

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: EYE WASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: HANDLE I/A/W GOOD INDUSTRIAL HYGIENE & SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNEC EXPOSURE & REMOVAL OF MATERIAL FROM EYES, SKIN & CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: EXPLO HAZ: SMK. VAP MAY IGNITE EXPLOSIVELY. SPRAY MIST/VAP EVAPORATING FROM DEPOSITED FILM IS HVR/AIR & MAY SETTLE IN LOW PLACES/TRAVEL OUTWARD TO SOURCE OF IGNIT & FLASH BACK. VENT: CTL IN COMBINATION W/APPROP USE OF PERSONAL PROT EQUIP & PRUDENT WORK PRACTS. THESE TECHNIQUES MAY NOT NECESSARILY (TOXICOLOGICAL INFO)

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Physical/Chemical Properties  
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Boiling Point: =66.C, 150.8F

M.P/F.P Text: NOT AVAILABLE

Vapor Pres: >1 MM HG @ 20C

Vapor Density: >1 (AIR=1)

Spec Gravity: 0.72

PH: NOT AVAILABLE

Solubility in Water: NEGLIGIBLE

Appearance and Odor: WHITE TO OFF WHITE IN COLOR; MILD TO SLIGHT ETHEREAL ODOR.

Percent Volatiles by Volume: 88

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: NORMALLY STABLE AS DEFINED IN NFPA 704-12 (4-3.1).

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomposition Products: DECOMPOSITION PRODUCTS MAY INCLUDE: OXIDES OF CARBON.

Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Toxicological Information: SEE SECTION ON HAZS IDENTIFICATION. ACETONE (67-64-1): LC50: NOT AVAIL; LD50: ORL-RAT=10.7 ML/KG (MERCK); SKIN-RBT = 20 G/KG (SAX). DIMETHYL OXIDE (115-10-6): LC50: NOT AVAIL; LD50: NOT AVAIL. HEPTANE (142-82-5): LC50: NOT AVAIL; LD50: NOT AVAIL. SUPDAT: ADDRESS ALL ISSUES PERTAINING TO YOUR OPERATIONS. WE, THEREFORE, RECOM YOU CONSULT W/EXPERTS OF YOUR CHOICE TO DETERM WHETHER OR NOT YOUR PROGRAMS ARE ADEQ. IF AIRBORNE CONTAMINANTS ARE GENERATED WHEN MATL IS HEATED OR HAND LED, SUFFICIENT VENT IN VOL & AIR FLOW PATTERNS SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONC LEVELS BELOW ACCEPTABLE CRITERIA.

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Ecological Information  
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Ecological: NOT DETERMINED. OTHER INFO: SUBSECTION 16(1), NPRI: ACETONE-15%. PRODS BEARING HL HEALTH LABEL (CAUTIONS REQD) SEAL OF ART & CREATIVE MATLS INSTITUTE INC (ACMI) ARE CERTIFIED TO BE PROPERLY LABELED IN PROGRAM OF TOXICOLOGICAL EVALUATION BY MED EXPERT. THIS PROGRAM IS REVIEWED BY ACMI'S TOXICOLOGICAL ADVISORY BOARD, THESE PRODS ARE CERTIFIED BY ACMI TO BE LABELED IA/W CHRONIC HAZ LABELING STD, ASTM D-4236 & FED LAW P.L. 100-695. OSHA HAZ COMMUNICATION STD 29 CFR 1910.1200 & W ORKPLACE HAZ MATLS INFO SYS(W) REQ THAT INFO CONTAINED ON THESE SHEETS BE MADE AVAIL TO YOUR WORKERS. EDUCATE & (STATE REGS)

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MSDS Transport Information  
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Transport Information: US DEPARTMENT OF TRANSPORTATION (DOT): DATA PROVIDED IN THIS SECTION IS FOR INFO ONLY AND MAY NOT BE SPECIFIC TO YOUR PACKAGE SIZE. YOU WILL NEED TO APPLY THE APPROPRIATE REGULATIONS TO PROPERLY CLASSIFY YOUR SHIPMENT FOR TRANSPORTATION. O RM-D CONSUMER COMMODITY. CANADIAN TRANSPORTATION OF DANGEROUS GOODS (TDG): NOT DETERMINED.

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Regulatory Information  
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Sara Title III Information: SARA TITLE III: SECTION 311/312: FIRE HAZ. SUDDEN RELS OF PRESS (EXPLOSION) HAZ. IMMED HEALTH HAZ. DELAYED HEALTH HAZ. SARA TITLE III SECTION 313 & 40 CFR PART 372: THIS PROD CNTNS THE FOLLOWING TOXIC CHEM(S) SUBJECT TO THE REPORTING REQS O F SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS & REAUTHORIZATION ACT OF 1986, & SUBPART C-SUPPLIER NOTIFICATION REQ OF 40 CFR PART 372: NONE REQUIRED PER SARA TITLE III SECTION 313. ECOLOGICAL INFO: TRAIN WORKERS REGARDING OSHA & WH MIS PRECS. INSTRUCT YOUR WORKERS TO HNDL THIS PROD PROPERLY. CONSULT W/APPROP EXPERTS TO GUARD AGAINST HAZS ASSOC W/USE OF (STATE REGS)

Federal Regulatory Information: OSHA HAZARD COMMUNICATION STANDARD 29 VFR 1910.1200: THIS MATERIAL IS A "HEALTH HAZARD" AND/OR A "PHYSICIAL HAZARD" AS DETERMINED WHEN REVIEWED ACCORDING TO THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 29 CFR PART 1 910.1200 "HAZARD COMMUNICATION" STANDARD. TSCA SECTION 8(B) INVENTORY: ALL REPORTABLE CHEMICAL SUBSTANCES ARE LISTED ON THE TSCA INVENTORY. WE RELY ON CERTIFICATIONS OF COMPLIANCE FROM OUR SUPPLIERS FOR CHEMICAL SUBSTANCES NOT MANUFACTURED BY BORDEN.

State Regulatory Information: N/P. SARA III INFO: THIS PROD & ITS INGREDIENTS. EXPOS GUIDELINES: ACETONE: ACGIH TLV:500 PPM (1188 MG/M3) TWA; 750 PPM

(1782 MG/M3) STEL. OSHA PEL:1000 PPM (2400 MG/M3) TWA. RECOM PEL:750 PPM (1800 MG/M3) TWA; 1000 PPM (2400 MG/M3) STEL. OSHA 1989 PEL REMANDED, BUT IN EFT IN SOME STATES. DIMETHYL OXIDE: ACGIH TLV:NONE ESTABLISHED. OSHA PEL: NONE ESTABLISHED. HEPTANE: ACGIH TLV:400 PPM (1640 MG/M3) TWA; 500 PPM (2050 MG/M3) STEL. OSHA PEL: 500 PPM (2000 MG/M3) TWA. RECOM PEL:400 PPM (1600 MG/M3) TWA; 500 PPM (2000 MG/M3) STEL. OSHA 1989 PEL REMANDED, BUT IN EFT IN SOME STATES.

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Other Information  
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Other Information: RATING: HEALTH = 2 (MOD), FLAMMABILITY = 4 (SEV), REACTIVITY = 0 (MINIMAL). CANADIAN REGS: WORKPLACE HAZ MATLS INFO SYS (W): THIS PROD HAS BEEN CLASSIFIED I/A/W HAZ CRITERIA OF CONTROLLED PRODS REG (CPR) & MSDS CONTAINS ALL INFO REQD BY THE CPR. CLASS D, DIV 2B, CLASS B, DIV 2. CANADIAN ENVIRONMENTAL PROT ACT (CEPA): ALL REPORTABLE CHEM SUBSTANCES ARE LISTED ON DOMESTIC SUBSTANCES LIST (DSL) OR OTHERWISE COMPLY W/CEPA NEW SUBSTANCE NOTIFICATION REQS. NATL POLLUTANT RELS INVENTORY (NPRI): THIS PROD CONTAINS THE FOLLOWING CHEM(S) SUBJECT TO REPORTING REQS OF CANADIAN ENVIRONMENTAL PROT ACT (CEPA) (ECOLOGICAL INFO)

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HAZCOM Label  
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Product ID: CRAFT BOND MULTI-PURPOSE SPRAY GLUE, 3-421 (AEROSOLS)

Cage: ELMER

Company Name: ELMER'S PRODUCTS INC

Street: 1000 KINGSMILL PARKWAY

City: COLUMBUS OH

Zipcode: 43229

Health Emergency Phone: 800-228-5635 EXT 22

Label Required IND: Y

Date Of Label Review: 05/18/2000

Status Code: A

Origination Code: G

Hazard And Precautions: IMMEDIATE HAZARDS: INGESTION: NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE. IF ACCIDENTALLY SWALLOWED, BURNS OR IRRITATION TO MUCOUS MEMBRANES, ESOPHAGUS OR GI TRACT CAN RESULT. INHALATION:MAY BE HARMFUL IF INHALED. LIQUID OR VAPOR MAY CAUSE IRRITATION OF NOSE,THROAT & LUNGS. CAN CAUSE CNS DEPRESSION. SKIN: CAUSES IRRITATION. EYES:CAUSES IRRITATION. ACETONE (67-64-1): CAN CAUSE CNS DEPRESSION. SIGNS &SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, NAUSEA, VOMITING,UNCONSCIOUSNESS & EVEN ASPHYXIATION. DIMETHYL OXIDE (115-10-6): CAN CAUSE CNS DEPRESSION. SIGNS & SYMPTOMS MAY INCLUDE HEADACHE, DIZZINESS, (EFTS OF OVEREXP)

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