

BORDEN -- ELMERS RUBBER CEMENT  
MATERIAL SAFETY DATA SHEET  
NSN: 804000N071775  
Manufacturer's CAGE: 86142  
Part No. Indicator: B  
Part Number/Trade Name: ELMERS RUBBER CEMENT

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General Information  
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Company's Name: BORDEN INC  
Company's Street: 180 EAST BROAD ST  
Company's City: COLUMBUS  
Company's State: OH  
Company's Country: US  
Company's Zip Code: 43215  
Company's Emerg Ph #: 614-431-6600  
Company's Info Ph #: 800-848-9400; 614-431-6680  
Record No. For Safety Entry: 002  
Tot Safety Entries This Stk#: 002  
Status: SMJ  
Date MSDS Prepared: 20FEB92  
Safety Data Review Date: 29APR97  
MSDS Serial Number: CDPRD

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: ISOPROPYL ALCOHOL; (ISOPROPANOL) (SARA 313)  
Ingredient Sequence Number: 01  
Percent: 1-5  
NIOSH (RTECS) Number: NT8050000  
CAS Number: 67-63-0  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM;500 STEL

Proprietary: NO  
Ingredient: HEPTANE  
Ingredient Sequence Number: 02  
Percent: >70  
NIOSH (RTECS) Number: MI7700000  
CAS Number: 142-82-5  
OSHA PEL: 500 PPM  
ACGIH TLV: 400 PPM;500 STEL

Proprietary: NO  
Ingredient: SUPP DATA:VAPS. DO NOT CUT, PUNCTURE/WELD ON/NEARBY. HANDLE I/  
A/W GOOD INDUSTRIAL SFTY PRACTICES. THESE PRACTICES(ING 4)  
Ingredient Sequence Number: 03  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO  
Ingredient: ING 3:INCLUDE AVOIDING UNNECESSARY EXPOSURE & REMOVAL OF  
MATERIAL FROM EYES, SKIN & CLOTHING.  
Ingredient Sequence Number: 04  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

Proprietary: NO  
Ingredient: VENT:BE PROVIDED TO KEEP AIR CONTAMINANT CONCENTRATION LEVELS  
BELOW ACCEPTABLE CRITERIA.

Ingredient Sequence Number: 05  
NIOSH (RTECS) Number: 9999999ZZ  
OSHA PEL: NOT APPLICABLE  
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics

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Appearance And Odor: OPAQUE LIQUID; MILD SOLVENT ODOR.  
Boiling Point: 194F,90C  
Vapor Density (Air=1): >1  
Specific Gravity: 0.71  
Evaporation Rate And Ref: <1 (ETHER=1)  
Solubility In Water: NEGLIGIBLE  
Percent Volatiles By Volume: 90

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Fire and Explosion Hazard Data

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Flash Point: 14F,-10C  
Flash Point Method: TCC  
Extinguishing Media: IN CASE OF FIRE, USE WATER SPRAY, DRY CHEMICAL, FOAM OR CO\*2.  
Special Fire Fighting Proc: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.  
Unusual Fire And Expl Hazrds: EXTREMELY FLAMM LIQ & VAP. KEEP LIQ & VAP AWAY FROM HEAT, SPKS, FLAME & OTHER IGNIT SOURCES INCL, BUT NOT LTD TO, PILOT LIGHTS, HEATERS, CIGARETTES, (SUPP DATA)

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Reactivity Data

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Stability: YES  
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.  
Materials To Avoid: ACIDS, BASES, AMINES.  
Hazardous Decomp Products: CO, CO\*2.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: RISK OF DMG & EFTS DEPENDS UPON DURATION & LEVEL OF EXPOS. NOT TOX DERMALLY, ORALLY/BY INHAL. INHAL:NOT EXPECTED TO BE HARMFUL UNDER NORMAL CNDTNS OF USE. HOWEVER, OVEREXP MAY CAUSE CNS DEPRESS. ALSO, IF ALLOWED TO BECOME AIRBORNE, MAY CAUSE IRRIT OF NOSE, THROAT & LUNGS. SKIN:MAY CAUSE IRRIT ON PRLNG/(EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT  
MAY CAUSE IRRIT ON PRLNG/RPTD CONT. SLIGHTLY IRRIT. ING 1:SUSPECT REPRO HAZ. MAY CAUSE REPRO DISORDERS BASED ON ANIMAL DATA. MAY CAUSE LIVER/KIDNEY DMG BASED ON ANIMAL DATA. CAN CAUSE CNS DEPRESS. SIGNS & SYMPS MAY INCL HDCH, DIZZ, NAUS, VOMIT, UNCON & EVEN ASPHY. (SUPP DATA)  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: INGEST:DILUTE BY DRINKING LARGE QUANTITIES OF WATER. IMMEDIATELY CONTACT POISON CONTROL CENTER OR HOSPITAL EMERGENCY ROOM FOR ANY OTHER ADDITIONAL TREATMENT DIRECTIONS. INHAL:REMOVE TO FRESH AIR. SKIN:FLUSH W/WATER. EYES:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD IF IRRITATION PERSISTS.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: ELIMINATE ALL IGNITION SOURCES. SOAK UP W/  
ABSORBENT MATERIAL & REMOVE TO CHEMICAL DISPOSAL AREA. PREVENT ENTRY INTO  
NATURAL BODIES OF WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: RECOVER FREE LIQUID. ABSORB RESIDUE & DISPOSE OF  
ACCORDING TO LOCAL, STATE/PROVINCIAL & FEDERAL REQUIREMENTS.

Precautions-Handling/Storing: STORE IN A COOL, DRY PLACE. KEEP CONTAINERS  
TIGHTLY CLOSED. KEEP AWAY FROM HEAT, SPARKS, FLAME & OTHER IGNITION  
SOURCES. USE W/ADEQUATE VENTILATION.

Other Precautions: AVOID PRLNG/RPTD BRTHG OF VAP. PERS W/SENSITIVE SKIN  
SHOULD AVOID PRLNG, CONTINUOUS CONT W/SKIN. IF IRRIT DEVELS, DISCONTINUE  
USE. AVOID PRLNG/RPTD CONT W/EYES. INSTRUCT YOUR WORKERS TO HANDLE THIS  
PROD PROPERLY. BEFORE USING/HNDLG, (SUPDAT)

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Control Measures  
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Respiratory Protection: WHERE AIR CONTAMINANTS CAN EXCEED ACCEPT CRITERIA,  
USE NIOSH APPROVED RESPIRATORY PROT EQUIP. NIOSH APPROVED RESPS SHOULD BE  
SELECTED BASED ON FORM & CONC OF CONTAMS IN AIR I/A/W OSHA 29 CFR 1910.134/  
OTHER APPLIC STANDARDS OR GUIDELINES.

Ventilation: IF AIRBORNE CONTAMS ARE GENERATED WHEN MATL IS HEATED/HNDLD,  
SUFFICIENT VENT IN VOL & AIR FLOW PATTERNS SHOULD (ING 5)

Protective Gloves: IMPERVIOUS GLOVES (FP N).

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

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET  
ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: HANDLE I/A/W GOOD INDUSTRIAL HYGIENE PRACTICES.  
WASH THOROUGHLY AFTER HANDLING.

Suppl. Safety & Health Data: EXPLO HAZ:ELEC MOTORS & STATIC DISCHARGE. VAP  
IS HVR/AIR & MAY SETTLE IN LOW PLACES/TRAVEL OUTWARD TO SOURCE OF IGNIT &  
FLASHBACK. EFTS OF OVEREXP:ING 2:CAN CAUSE CNS DEPRESS. SIGNS & SYMPS MAY  
INCL HDCH, DIZZ, NAUS, VOMIT, UNCON & EVEN ASPHY. OTHER PREC:READ &  
UNDERSTAND MSDS. EMPTY CNTNR:MAY CONTAIN EXPLO (ING 3)

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Transportation Data  
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Disposal Data  
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Label Data  
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Label Required: YES

Technical Review Date: 29APR97

Label Date: 11APR97

Label Status: G

Common Name: ELMERS RUBBER CEMENT

Chronic Hazard: NO

Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

OVEREXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. ALSO, IF ALLOWED  
MAY CAUSE IRRITATION ON PROLONGED OR REPEATED CONTACT. EYES:IRRITATION.

CHRONIC:NONE LISTED BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: BORDEN INC

Label Street: 180 EAST BROAD ST

Label City: COLUMBUS

Label State: OH  
Label Zip Code: 43215  
Label Country: US  
Label Emergency Number: 614-431-6600

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