

BELZONA MOLECULAR -- BELZONA ELASTOMER SURFACE CONDITIONER
MATERIAL SAFETY DATA SHEET
NSN: 803000N015090
Manufacturer's CAGE: 67020
Part No. Indicator: A
Part Number/Trade Name: BELZONA ELASTOMER SURFACE CONDITIONER

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General Information
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Company's Name: BELZONA MOLECULAR INC
Company's Street: 100 CHARLES LINDBERGH BLVD
Company's City: UNIONDALE LI
Company's State: NY
Company's Country: US
Company's Zip Code: 11553
Company's Emerg Ph #: 516-542-1000; 516-483-3100
Company's Info Ph #: 516-542-1000
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 29APR89
Safety Data Review Date: 01JUN95
MSDS Serial Number: BKPSX
Hazard Characteristic Code: N1

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: DIPHENYLMETHANE DIISOCYANATE. VP: <0.01. LD50: (ORAL, RAT)
9399.9 MG/KG.
Ingredient Sequence Number: 01
NIOSH (RTECS) Number: 1005295DD
CAS Number: 26447-40-5
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA III)
Ingredient Sequence Number: 02
NIOSH (RTECS) Number: KJ4000000
CAS Number: 76-13-1
OSHA PEL: 1000PPM/1250STEL
ACGIH TLV: 1000PPM/1250STEL9192

Proprietary: NO
Ingredient: ING 2: 42999 MG/KG; (DERM, RAT) 10999 MG/KG.
Ingredient Sequence Number: 03
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: TOLUENE (SARA III)
Ingredient Sequence Number: 04
NIOSH (RTECS) Number: XS5250000
CAS Number: 108-88-3
OSHA PEL: 200 PPM/150 STEL
ACGIH TLV: 50 PPM; 9293

Proprietary: NO
Ingredient: HAZ DECOMP PRODS: CHLORINES, FLUORINES AND PHOSGENE (FP N).
EYE PROT: MAY ADD FULL LENGTH FACE SHIELD TO GOGG (FP N).
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: CLEAR BROWN LIQUID WITH MILD ODOR.
Vapor Pressure (MM Hg/70 F): SEE INGRED
Vapor Density (Air=1): >AIR
Specific Gravity: 1.12
Evaporation Rate And Ref: FASTER
Solubility In Water: <0.1%
Percent Volatiles By Volume: 75.83

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Fire and Explosion Hazard Data

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Flash Point: >200F,>93C
Extinguishing Media: FOAM, CO*2 & DRY CHEMICAL.
Special Fire Fighting Proc: USE NIOSH/MSHA APPRVD PRESS DMD SCBA & FULL
PROT EQUIP (FP N). FULL BUNKER GEAR SHOULD BE WORN IN EXTREME CASES. DO NOT
USE DIRECT STREAM OF H*2O. STAY(SUP DAT)
Unusual Fire And Expl Hazrds: VAPOR IS HEAVIER THAN AIR. DECOMPOSITION AND
COMBUSTION PRODUCTS MAY BE HAZARDOUS. THERMAL DECOMP PRODS MAY INCLUDE
CHLORINES, FLUORINES & PHOSGENE (FP N).

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: STRONG OXIDIZING AGENTS, AMINES, STRONG BASES, WATER,
EPOXY RESIN, AMINE MIXTURES, STRONG ALKALI, ALKALINE (SUPP DATA)
Hazardous Decomp Products: ACRID SMOKE, CO*X, NO*X, TRACES OF HYDROGEN
CYANIDE, HYDROGEN CHLORIDE, TRACES OF MDI, TDI, AND/OR HDI. (SEE INGRED 5)
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): AVOID STRONG ACIDS OR BASES IN BULK.
TEMPERATURES ABOVE 120F.

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Health Hazard Data

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LD50-LC50 Mixture: SEE INGREDIENTS.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: SENSITIZER. SKIN SENSITIZER. EXTREMELY
IRRITATING TO SKIN AND EYES. IRRITATES EYES AND RESPIRATORY TRACT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: MOVE TO FRESH AIR AND GIVE ARTF RESP IF NEC.
FLUSH EYES W/WATER FOR AT LEAST 15 MIN. WASH SKIN W/SOAP & WATER. IF
SWALLOWED, DO NOT INDUCE VOMIT. RINSE MOUTH W/WATER. IF SWALLOWED, CALL
POISON CENTER AT (516) 542-2323. REMOVE CONTAM CLTHG. CALL MD OR TAKE TO A
HOSPITAL IMMED. PRECLUDE FROM EXPOS THOSE INDIVIDUALS WITH DISEASES OF
SKIN, SINUSES & LUNGS.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: REMOVE ALL SOURCES OF IGNITION. USE SAND TO
ABSORB SPILLED MATL & DISPOSE OF PROPERLY. SMALL LEAKS; MOP UP OR SOAK UP
IMMED. EVAC AREA. KEEP OUT OF WATER SUPPLY. TRANSFER TO CLOSED METAL

CONTAINER. AVOID SKIN CONTACT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: PROTECT FROM FREEZING. OVERHEATING MAY CAUSE CNTNR TO RUPTURE. MUST BE KEPT IN DRY, COOL AND COVERED AREA. AVOID BRTHG VAPS. EMPTY CNTNRS (SUPP DATA)

Other Precautions: CHECK CNTNRS FOR LEAKS. AVOID PRLNGD BRTHG/CONT W/SKIN. NO SMOKING IN AREA OF USE. DO NOT USE IN GEN VICINITY OF ARC WELDING, OPEN FLAME OR HOT SURF. HEAT AND/OR UV RADIATION MAY CAUSE FORMATION OF CHLORINES, FLUORINES & PHOSGENE (FP N).

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR SUITABLE FOR ORGANIC VAPORS IF NECESSARY.

Ventilation: PROVIDE ADEQUATE CROSS AIR CIRCULATION. EXHAUST AT POINT OF USE. VAPOR IS NARCOTIC.

Protective Gloves: IMPERVIOUS TO SOLVENTS.

Eye Protection: CHEMICAL WORKERS GOGGLES. (SEE INGRED-05)

Other Protective Equipment: EYEWASH STATION, EMERGENCY SHOWER, IMPERMEABLE APRON OR GARMENT TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: FIRE FIGHT PROC: UPWIND & AVOID SMOKE & FUMES. RUN OFF FROM FIRE CONTROL MAY CAUSE POLLUTION. PRODUCT WILL FLOAT & CAN BE REIGNITED. DECONTAMINATE CLOTHING AFTER USE. MATLS TO AVOID: EARTH METALS W/AFFINITY FOR HALOGENS. HNDLG/STOR PREC: RETAIN RESIDUE AND MAY BE DANGEROUS. DISCARD CONTAM SHOES.

Transportation Data

Trans Data Review Date: 91256

DOT PSN Code: ZZZ

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

IMO PSN Code: ZZZ

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

IATA PSN Code: ZZZ

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

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 06MAY91

Label Date: 03MAY91

Label Status: G

Common Name: BELZONA ELASTOMER SURFACE CONDITIONER

Signal Word: WARNING!

Acute Health Hazard-Slight: X

Contact Hazard-Moderate: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE: SENSITIZER! EXTREMELY IRRITATING TO SKIN AND EYES. IRRITATES EYES AND RESPIRATORY TRACT. AVOID BREATHING VAPORS. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. COMBUSTIBLE LIQUID AND VAPOR. KEEP AWAY FROM HEAT AND FLAME. CHRONIC: HAZARDS NOT DETERMINED.

Protect Eye: Y

Protect Skin: Y
Protect Respiratory: Y
Label Name: BELZONA MOLECULAR INC
Label Street: 100 CHARLES LINDBERGH BLVD
Label City: UNIONDALE LI
Label State: NY
Label Zip Code: 11553
Label Country: US
Label Emergency Number: 516-542-1000; 516-483-3100

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