

WILLIAM ZINSSER -- BIN PRIMER-SEALER, WZ0900  
MATERIAL SAFETY DATA SHEET  
NSN: 801000N045915  
Manufacturer's CAGE: 3M602  
Part No. Indicator: B  
Part Number/Trade Name: BIN PRIMER/SEALER, WZ0900

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General Information  
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Company's Name: WILLIAM ZINSSER & CO INC  
Company's Street: 39 BELMONT DR  
Company's City: SOMERSET  
Company's State: NJ  
Company's Country: US  
Company's Zip Code: 08875  
Company's Emerg Ph #: 800-424-9300 (CHEMTREC)  
Company's Info Ph #: 908-469-4367  
Record No. For Safety Entry: 002  
Tot Safety Entries This Stk#: 002  
Status: SMJ  
Date MSDS Prepared: 29APR94  
Safety Data Review Date: 19JUL95  
MSDS Preparer's Name: L. MICHALEWICZ  
Preparer's Company: SAME  
MSDS Serial Number: BYSQH

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Ingredients/Identity Information  
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Proprietary: NO  
Ingredient: ETHYL ALCOHOL  
Ingredient Sequence Number: 01  
Percent: 35  
NIOSH (RTECS) Number: KQ6300000  
CAS Number: 64-17-5  
OSHA PEL: 1000 PPM  
ACGIH TLV: 1000 PPM

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Proprietary: NO  
Ingredient: ISOPROPYL ALCOHOL (SARA 313)  
Ingredient Sequence Number: 02  
Percent: 6  
NIOSH (RTECS) Number: NT8050000  
CAS Number: 67-63-0  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM; 500 STEL

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Proprietary: NO  
Ingredient: METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA)  
Ingredient Sequence Number: 03  
Percent: 2  
NIOSH (RTECS) Number: PC1400000  
CAS Number: 67-56-1  
OSHA PEL: 200 PPM, S  
ACGIH TLV: 200 PPM; 250 STEL, S

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Proprietary: NO  
Ingredient: 2-PENTANONE, 4-METHYL-; (METHYL ISOBUTYL KETONE) (SARA 313)  
(CERCLA)  
Ingredient Sequence Number: 04  
Percent: <0.5  
NIOSH (RTECS) Number: SA9275000

CAS Number: 108-10-1  
OSHA PEL: 100 PPM  
ACGIH TLV: 50 PPM; 75 STEL

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Proprietary: NO  
Ingredient: POLYGORSKITE; (CLAY)  
Ingredient Sequence Number: 05  
Percent: <5  
NIOSH (RTECS) Number: RT6400000  
CAS Number: 12174-11-7  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: SILICATE, MICA; (MICA)  
Ingredient Sequence Number: 06  
Percent: >0  
NIOSH (RTECS) Number: VV8760000  
CAS Number: 12001-26-2  
OSHA PEL: 20 MPPCF  
ACGIH TLV: 3 MG/M3 RDUST

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Proprietary: NO  
Ingredient: CLAY (KAOLIN); (ALUMINUM SILICATE)  
Ingredient Sequence Number: 07  
Percent: 10  
NIOSH (RTECS) Number: GF1670500  
CAS Number: 1332-58-7  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 2 MG/M3 TDUST

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Proprietary: NO  
Ingredient: SODIUM ALUMINOSILICATE; (SILICATE)  
Ingredient Sequence Number: 08  
Percent: <5  
NIOSH (RTECS) Number: 1000369SS  
CAS Number: 1344-00-9  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: TITANIUM OXIDE; (TITANIUM DIOXIDE) LD50: (ORAL RAT) >9500  
MG/KG  
Ingredient Sequence Number: 09  
Percent: 15  
NIOSH (RTECS) Number: XR2275000  
CAS Number: 13463-67-7  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 10 MG/M3 TDUST

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Proprietary: NO  
Ingredient: BARIUM SULFATE  
Ingredient Sequence Number: 10  
Percent: 4  
NIOSH (RTECS) Number: CR0600000  
CAS Number: 7727-43-7  
OSHA PEL: 15 MG/M3 TDUST  
ACGIH TLV: 10 MG/M3 TDUST

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Proprietary: NO

Ingredient: VOLATILE ORGANIC COMPOUND: COATING: 4.58 LBS/GAL; 549 G/L;  
MATERIAL: 4.38 LBS/GAL; 524 G/L  
Ingredient Sequence Number: 11  
NIOSH (RTECS) Number: 9999999VO  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Physical/Chemical Characteristics  
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Appearance And Odor: WHITE LIQUID; ALCOHOL ODOR.  
Boiling Point: 173F,78C  
Vapor Density (Air=1): HVR/AIR  
Specific Gravity: 1.2 (H\*20=1)  
Evaporation Rate And Ref: SLOWER/N-BUTYL ACETATE  
Solubility In Water: NOT SOLUBLE  
pH: 4.5

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Fire and Explosion Hazard Data  
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Flash Point: 60.0F,15.6C  
Flash Point Method: SCC  
Lower Explosive Limit: 3.3%  
Upper Explosive Limit: 19.0%  
Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL,  
WATER FOG, OTHER.  
Special Fire Fighting Proc: USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT (FP N).  
Unusual Fire And Expl Hazrds: CLOSED CONTAINERS MAY EXPLODE WITH EXTREME  
HEAT. IMPACT MAY PUNCTURE CONTAINER OR LOOSEN LID. DRUM MUST BE GROUNDED &  
BONDED WHEN POURING.

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Reactivity Data  
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Stability: YES  
Cond To Avoid (Stability): HEAT, SPARKS, OPEN FLAME.  
Materials To Avoid: OXIDIZING AGENTS, ACIDS.  
Hazardous Decomp Products: CARBON MONOXIDE ON INCOMPLETE COMBUSTION.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data  
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LD50-LC50 Mixture: SEE INGREDIENT 9  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: YES  
Health Haz Acute And Chronic: INHALATION: HIGH CONCENTRATIONS OF VAPOR MAY  
CAUSE HEADACHE, DROWSINESS, DIZZINESS, NAUSEA AND RESPIRATORY IRRITATION.  
SKIN/EYES: LIQUID OR VAPOR MAY CAUSE IRRITATION. SKIN ABSORPTION MAY CAUSE  
DEFATTING OF SKIN ON PROLONGED CONTACT. INGESTION: MAY CAUSE DEPRESSION OF  
CENTRAL NERVOUS SYSTEM, NAUSEA, (EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT  
Signs/Symptoms Of Overexp: HLTH HAZ: VOMITING & DIARRHEA. INTENTIONAL  
MISUSE BY DELIBERATELY CONCENTRATING OR INHALING THE CONTENTS MAY BE  
HARMFUL.  
Med Cond Aggravated By Exp: PRE-EXISTING SKIN, EYE AND RESPIRATORY  
CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.  
Emergency/First Aid Proc: INHAL: MOVE TO FRESH AIR IMMED. IF PERSON HAS

STOPPED BRTHG GIVE ARTF RESP. EYES: FLUSH IMMED W/PLENTY OF COOL WATER FOR AT LEAST 15 MIN. SKIN: REMOVE ANY CONTAMD CLTHG, WASH BEFORE REUSE. WASH W/COOL WATER FOR AT LEAST 15 MIN. INGEST: GIVE WATER TO DILUTE. CALL MD OR POISON CONTROL CENTER. IF CONDITIONS OF EXPOSURE PERSIST OR VICTIM IS UNCONSCIOUS CALL MD OR SEEK MEDICAL ATTENTION IMMED.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: STOP LEAKAGE IF NO RISK IS EVIDENT. ABSORB SMALL SPILLS W/APPROPRIATE ABSORBENT MATERIAL. DIKE LARGE SPILLS. WEAR APPROPRIATE PROT EQUIPMENT & NIOSH/MSHA APPROVED RESPIRATORS. REPORT LARGE SPILL AS APPLICABLE LAWS REQUIRE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: REFER TO APPLICABLE FEDERAL, STATE & LOCAL LAWS GOVERNING WASTE DISPOSAL &/OR RECLAMATION OF RECOVERED MATERIAL. PLACE ALL RECOVERED MATERIAL INTO PROPERLY MARKED CONTAINERS FOR DISPOSAL &/OR TRANSPORTATION. DRIED SHELLAC IS NON-HAZARDOUS.

Precautions-Handling/Storing: FOLLOW NFPA 30 FLAMM & COMBUST LIQS CODE FOR STORAGE & HNDLG. CONSULT APPLIC LAWS. STORE IN COOL PLACE. KEEP AWAY FROM OPEN FLAME, HEAT & SPARKS.

Other Precautions: ISOLATE FROM OXIDIZERS. AVOID BREATHING VAPOR OR SPRAY MIST. USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. USE ONLY GROUNDED & EXPLOSION PROOF EQUIPMENT. EMPTY CONTAINERS WITH LIQUID RESIDUE OR VAPOR ARE FLAMMABLE.

Control Measures

Respiratory Protection: USE AN APPROP NIOSH/MSHA APPROVED RESPIRATOR WHEN VAPOR/MIST LEVELS ARE ABOVE ALLOWABLE EXPOSURE LIMITS. MAKE SURE RESPIRATORY EQUIPMENT IS PROPERLY FITTED FOR USE. FOLLOW MANUFACTURER'S RECOMMENDED USE & HANDLING PROCEDURES.

Ventilation: USE ONLY EXPLOS PROOF EXHST EQUIP. EXHST ONLY INTO NON-EXPLOS AREAS. MAINTAIN VAP CONCS BELOW ALLOWABLE EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: PROTECT SKIN WITH APPROPRIATE CLOTHING.

Work Hygienic Practices: WASH HANDS AND EXPOSED AREAS AFTER USE.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 19JUL95

Label Date: 11JUL95

Label Status: G

Common Name: BIN PRIMER/SEALER, WZ0900

Chronic Hazard: NO

Signal Word: DANGER!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-Severe: X

Reactivity Hazard-None: X

Special Hazard Precautions: FLAMMABLE. ACUTE: INHALATION: HIGH

CONCENTRATIONS OF VAPOR MAY CAUSE HEADACHE, DROWSINESS, DIZZINESS, NAUSEA

AND RESPIRATORY IRRITATION. SKIN/EYES: LIQUID OR VAPOR MAY CAUSE IRRITATION. SKIN ABSORPTION MAY CAUSE DEFATTING OF SKIN ON PROLONGED CONTACT. INGESTION: MAY CAUSE DEPRESSION OF CENTRAL NERVOUS SYSTEM, NAUSEA, VOMITING AND DIARRHEA. INTENTIONAL MISUSE MAY BE HARMFUL. CHRONIC: NONE LISTED BY MANUFACTURER.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: WILLIAM ZINSSER & CO INC

Label Street: 39 BELMONT DR

Label City: SOMERSET

Label State: NJ

Label Zip Code: 08875

Label Country: US

Label Emergency Number: 800-424-9300 (CHEMTREC)