**PRODUCT NAME:** BIN PRIMER/SEALER  
**PRODUCT CODE:** WZ0900  
**PRODUCT USE:** Paint

**EMIS CODES:** H F R P  
**1 3 0 G**

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#### SECTION I - MANUFACTURER IDENTIFICATION

**MANUFACTURER'S NAME:** WILLIAM ZINSSER & COMPANY, INC.  
**ADDRESS:** 39 BELMONT DRIVE, SOMERSET, NJ 08875  
**EMERGENCY PHONE:** CHMTREC 800-424-9300  
**INFORMATION PHONE:** (908) 469-4367  
**DATE REVISED:** 04-29-94  
**NAME OF PREPARER:** L. Michalewicz  
**REASON REVISED:** Various updates

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#### SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

<table>
<thead>
<tr>
<th>HAZARDOUS COMPONENTS</th>
<th>WEIGHT PERCENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>STEL</th>
<th>LD50 SPECIES &amp; ROUTE</th>
<th>LC50 SPECIES &amp; ROUTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL ALCOHOL</td>
<td>35</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Isopropyl alcohol</td>
<td>6</td>
<td>400 ppm</td>
<td>500 ppm</td>
<td>400 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Methyl Alcohol</td>
<td>2</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td>200 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Methyl isobutyl ketone</td>
<td>&lt; 0.5%</td>
<td>100 ppm</td>
<td>50 ppm</td>
<td>75 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td>&lt; 5.0%</td>
<td>NOT ESTABL 5 mg/m3</td>
<td>10 mg/m3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nicotinamide</td>
<td>&lt; 5.0%</td>
<td>20 ppmcf</td>
<td>3 mg/K3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminium SilicateE</td>
<td>10</td>
<td>5 mg/K3</td>
<td>10 mg/K3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silicate</td>
<td>&lt; 5.0%</td>
<td>NONE</td>
<td>10 mg/m3</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td>15</td>
<td>15 mg/K3</td>
<td>10 mg/K3</td>
<td>5 mg/K3</td>
<td>&gt;9500 mg/kg rat (oral)</td>
<td></td>
</tr>
</tbody>
</table>

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** 173 F

**SPECIFIC GRAVITY** (*H2O=1*): 1.2

**VAPOR DENSITY:** Heavier than air

**EVAPORATION RATE:** Slower than n-Butyl Acetate

**COATING V.O.C.:** 5.50 LBS/IMP GAL 4.58 LBS/US GAL 549 GMS/LTR

**MATERIAL V.O.C.:** 5.25 LBS/IMP GAL 4.38 LBS/US GAL 524 GMS/LTR

**SOLUBILITY IN WATER:** Not soluble

**APPEARANCE AND ODOR:** White liquid, alcohol odor.

**FREEZING POINT:** NA

**PH:** 4.5

**COEFFICIENT OF WATER/OIL DIST:** NA

**ODOR THRESHOLD:** >1000 ppm

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** 65 F

**METHOD USED:** Setash Flash

**FLAMMABLE LIMITS IN AIR BY VOLUME:** LOWER: 3.3%  UPPER: 19.0%

**EXTINGUISHING MEDIA:** FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER

**SPECIAL FIREFIGHTING PROCEDURES**

None

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

Closed containers may explode with extreme heat.

**FLAMMABILITY - T.D.G.R. CLASS**

3.2

**SENSITIVITY TO IMPACT**

Impact may puncture container or loosen lid.

**SENSITIVITY TO STATIC DISCHARGE**

Drum must be grounded and bonded when pouring.

SECTION V - REACTIVITY DATA

**STABILITY:** Stable

**CONDITIONS TO AVOID**

Heat, sparks, open flame.

**INCOMPATIBILITY (MATERIALS TO AVOID)**

Oxidizing agents, Acids.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Carbon monoxide on incomplete combustion.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR
INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Concentrations of vapor may cause headache, drowsiness, dizziness, nausea and respiratory irritation.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Liquid or vapor may cause irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause defatting of skin on prolonged contact.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause depression of central nervous system, nausea, vomiting and diarrhea.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Prolonged and repeated exposure will have the same effects as above as will any source of alcohol. Intentional misuse by deliberately concentrating or inhaling the contents may be harmful.

CARCINOGENICITY: NTP? NO  IARC MONOGRAPHS? NO  OSHA REGULATED? NO

None known.

TERATOGENICITY

Unknown

MUTAGENICITY

Unknown

TOXICOLOGICALLY SYNERGISTIC PRODUCTS

None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing skin, eye and respiratory conditions may be aggravated by exposure to this product.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move person to fresh air immediately. If person has stopped breathing give artificial respiration.

Eye contact: Flush immediately with plenty of cool water for at least 15 minutes.

Skin contact: Remove any contaminated clothing, wash before reuse. Wash with cool water for at least 15 minutes.

Ingestion: Give person water to dilute. Call a physician or poison control center. If conditions of exposure persist or victim is unconscious CALL A PHYSICIAN or SEEK MEDICAL ATTENTION IMMEDIATELY.
SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Stop leakage if no risk is evident. Absorb small spills with an appropriate absorbent material. Dike large spills. Wear appropriate protective equipment and respirators. Report large spill as applicable laws require.

WASTE DISPOSAL METHOD
Refer to applicable laws governing waste disposal and/or reclamation of recovered material. Place all recovered material into properly marked containers for disposal and/or transportation. Dried Shellac is non-hazardous.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
Follow NFPA 30 Flammable and Combustible Liquids Code for storage and handling. Consult applicable laws. Store in a cool place. Keep away from open flame, heat and sparks. Isolate from oxidizers. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Do not take internally.

OTHER PRECAUTIONS
Use only grounded and explosion proof equipment. Empty containers with liquid residue or vapor are flammable.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION
Use an appropriate NIOSH/MSHA approved respirator when vapor/mist levels are above allowable exposure limits. Make sure respiratory equipment is properly fitted for use. Follow manufacturers recommended use and handling procedures.

VENTILATION
Use only explosion proof exhaust equipment. Exhaust only into non-explosive areas. Maintain vapor concentrations below allowable exposure limits.

PROTECTIVE GLOVES
Use appropriate gloves for prolonged exposure.

EYE PROTECTION
Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT
Protect skin with appropriate clothing.

WORK/HYGIENIC PRACTICES
Wash hands and exposed areas after use.

SECTION IX - DISCLAIMER

DISCLAIMER
The information herein is prepared from various sources deemed to be reliable. No warranties are expressed or implied by William Zinsser & Co., Inc. on the accuracy of the information. All liabilities are disclaimed from any information provided.