## WILLIAM ZINSSER & CO INC -- BULLS EYE CLEAR SHELLAC 3, W10300 -- 8010-00N071068

Product ID: BULLS EYE CLEAR SHELLAC 3, W10300

MSDS Date:01/09/1992

FSC:8010

NIIN:00N071068 MSDS Number: CBNBW

=== Responsible Party ===

Company Name: WILLIAM ZINSSER & CO INC

Address:39 BELMONT DR

City:SOMERSET

State:NJ

ZIP:08875

Country: US

Info Phone Num: 908-469-4367

Emergency Phone Num: 800-424-9300 (CHEMTREC)

Preparer's Name:L. MICHALEWICZ

CAGE: FO649

=== Contractor Identification ===

Company Name: WILLIAM ZINSSER & CO., INC

Address: 39 BELMONT DRIVE

City: SOMERSET

State:NJ

ZIP:08873

Phone: (201) 469-8100

CAGE: F0649

Company Name: ZINSSER WILLIAM AND CO

Address:39 BELMONT DR

Box:City:SOMERSET

State:NJ

ZIP:08873-1218

Country: US

CAGE: 3M602

========= Composition/Information on Ingredients ==========

Ingred Name: ETHYL ALCOHOL

CAS:64-17-5

RTECS #:KQ6300000 Fraction by Wt: 35% OSHA PEL:1000 PPM ACGIH TLV:1000 PPM

Ingred Name: ISOPROPYL ALCOHOL (SARA 313)

CAS: 67-63-0

RTECS #:NT8050000 OSHA PEL:400 PPM

ACGIH TLV:400 PPM; 500 STEL

Ingred Name: METHYL ALCOHOL

CAS: 67-56-1

RTECS #:PC1400000 Fraction by Wt: 3% OSHA PEL:400 PPM ACGIH TLV:400 PPM; 500 STEL

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:VOLATILE ORGANIC COMPOUND, COATING: 5.14 LGS/GAL; 618 G/L.
MATERIAL VOC: 4.87 LBS/GAL; 584 G/L

RTECS #:9999999VO

OSHA PEL:N/K ACGIH TLV:N/K

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: HIGH CONCENTRATIONS OF VAPOR MAY CAUSE HEADACHE, DROWSINESS, DIZZINESS, NAUSEA AND RESPIRATORY IRRITATION. SKIN/EYE CONTACT: LIQUID OR VAPOR MAY CAUSE IRRITATION. SKIN ABSORPTION: MAY CAUSE BLISTERING OF SKIN ON PROLONGED CONTACT. INGESTION: CAN CAUSE DEPRESSION OF CENTRAL NERVOUS SYSTEM, (EFTS OF OVEREXP)

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure: HLTH HAZ: NAUSEA, VOMITING AND DIARRHEA.
PROLONGED AND REPEATED EXPOSURE WILL HAVE SAME EFFECTS AS ABOVE AS
WITH ANY AMOUNT OF ALCOHOL. INTENTIONAL MISUSE BY DELIBERATELY
INGESTING OR INHALING THE CON TENTS MAY BE HARMFUL.

Medical Cond Aggravated by Exposure: PRE-EXISTING SKIN, EYE AND RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid Measures

First Aid:INHAL: REMOVE PERSON 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. WA SH W/COOL WATER FOR AT LEAT 15 MIN. INGEST: GIVE PERSON WATER TO DILUTE. CALL MD OR POIS CTL CTR. IF CNDTNS OF EXPOSURE PERSIST OR IF PERSON IS UNCON CALL MD OR GET MED ATTN IMMED.

Flash Point Method:SCC Flash Point:60.0F,15.6C

Lower Limits:3.3%

Upper Limits:19.0%

Extinguishing Media: FOAM, ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE WITH EXTREME HEAT.

----- Accidental Release Measures -----

Spill Release Procedures: STOP LEAKAGE IF NO RISK IS INVOLVED. ABSORB SMALL SPILL W/AN APPROPRIATE ABSORBENT MATERIAL. DIKE LARGE SPILLS.

WEAR APPROPRIATE PROTECTIVE EQUIPMENT & NIOSH/MSHA APPROVED RESPIRATOR. REPORT LARGE SPI LL AS APPLICABLE LAWS REQUIRE. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. Handling and Storage Precautions: FOLLOW NFPA 30 FLAMM & COMBUST LIQUIDS 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 AND EXPLOSION PROOF EQUIPMENT. EMPTY CONTAINERS WITH LIQUID R ESIDUE OR VAPOR ARE FLAMMABLE. ====== Exposure Controls/Personal Protection ========= Respiratory Protection: USE AN APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR WHEN VAPOR/MIST LEVELS ARE ABOVE ALLOWABLE LIMITS. MAKE SURE RESPIRATORY EQUIPMENT IS PROPERLY FITTED FOR USE. FOLLOW MANUFACTURER'S RECOMMENDED USE A ND HANDLING PROCEDURES. Ventilation: USE ONLY EXPLOSION PROOF EXHAUST EQUIP. EXHAUST ONLY INTO NON-EXPLO AREAS. MAINTAIN VAP CONCS BELOW APPLIC EXPOS LIMITS. Protective Gloves: IMPERVIOUS GLOVES . Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES . Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER . PROTECT SKIN WITH APPROPRIATE CLOTHING. Work Hygienic Practices: WASH HANDS AND EXPOSED AREAS AFTER USE. Supplemental Safety and Health NONE SPECIFIED BY MANUFACTURER. Boiling Pt:B.P. Text:173F,78C Vapor Density:LTR/AIR Spec Gravity:0.9 (H\*20=1) pH:4.5 Evaporation Rate & Reference:SLOWER/N-BUTYL ACETATE Solubility in Water: NOT SOLUBLE Appearance and Odor: AMBER LIQUID; ALCOHOL ODOR. 

Stability Indicator/Materials to Avoid:YES OXIDIZING AGENTS, ACIDS.

Stability Condition to Avoid: HEAT, SPARKS, OPEN FLAME.

Hazardous Decomposition Products: CARBON MONOXIDE ON INCOMPLETE COMBUSTION.

Waste Disposal Methods: 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 AND/OR TRANSP ORTATION. DRIED SHELLAC IS NON-HAZARDOUS.

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department

of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.