

ORB INDUSTRIES INC -- WIREMOLD ENAMEL SPRAY, WE-S BUFF -- 8010-00N056924

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MSDS Safety Information
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FSC: 8010
MSDS Date: 07/01/1991
MSDS Num: BWLZJ
LIIN: 00N056924
Tech Review: 01/11/1995
Product ID: WIREMOLD ENAMEL SPRAY, WE-S BUFF
Responsible Party
Cage: 58890
Name: ORB INDUSTRIES INC
Address: 2 RACE ST
Box: 1067
City: UPLAND PA 19015 US
Info Phone Number: 215-874-2537
Emergency Phone Number: 215-874-2537
Preparer's Name: A.B. BASTIAN
Review Ind: N

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Contractor Summary
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Cage: 58890
Name: ORB INDUSTRIES INC
Box: 1067
City: BROOKHAVEN PA 19015-0067 US
Phone: 610-874-2537

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Ingredients
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Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA 313) (CERCLA). VP: 185 @ 20C. FL PT/METH:
-4F,-20C/TCC. LEL: 2.6%. UEL: 12.8%
% by Wt: 25-30
OSHA PEL: 1000 PPM
ACGIH TLV: 750 PPM; 1000 STEL
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 123-86-4
RTECS #: AF7350000
Name: ACETIC ACID, BUTYL ESTER; (BUTYL ACETATE) (CERCLA). VP: 10 @ 20C.
FL PT/METH: 81F,27.2C (TCC). LEL: 1.7%. UEL: 9.8%
% by Wt: 4-6
OSHA PEL: 150 PPM
ACGIH TLV: 150 PPM; 200 STEL
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 78-93-3
RTECS #: EL6475000
Name: 2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA). VP: 75
@ 20C. FL PT/METH: 23F,-5C(TCC). LEL:1.8%. UEL:11.5%
% by Wt: 2-3
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM; 300 STEL

EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 64742-89-8
Name: VM&P NAPHTHA. VP: 45 @ 20C. FL PT/METH: 52F,11.1C (TCC). LEL:
1.1%. UEL: 5.0%.
% by Wt: 2-3
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)
Ozone Depleting Chemical: N

Cas: 64742-88-7
Name: MINERAL SPIRITS. VP: 5 @ 20C. FL PT/METH: 108F,42C (TCC). LEL:
0.7%. UEL: 6%.
% by Wt: 2-3
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)
Ozone Depleting Chemical: N

Cas: 64742-95-6
RTECS #: WF3400000
Name: SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC; (AROMATIC
HYDROCARBONS). VP: 5 @ 20C.
% by Wt: <1
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)
Ozone Depleting Chemical: N

Cas: 68476-85-7
RTECS #: SE7545000
Name: PETROLEUM GAS (LIQUEFIED); (PROPANE/ISOBUTANE (PROPELLANT)). VP:
3691 @ 20C. FL PT/METH: -138F,-94C. LEL:2%. UEL:10%.
% by Wt: 25
OSHA PEL: 1000 PPM
ACGIH TLV: 1000 PPM
Ozone Depleting Chemical: N

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA 313) (CERCLA). VP: 38 @20C. FL PT/METH: 45F,7.2C
(TCC). LEL: 1.8%. UEL: 10%.
% by Wt: 4-5
OSHA PEL: 200 PPM
ACGIH TLV: 50 PPM, S
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENE (SARA 313) (CERCLA) VP: 9.5 @ 20C. FL PT: 80F,26.7C.
LEL: 1.0%. UEL: 7.0%
% by Wt: 4-5
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM; 150 STEL
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Cas: 13463-67-7
 RTECS #: XR2275000
 Name: TITANIUM OXIDE; (TITANIUM DIOXIDE)
 % by Wt: 1
 OSHA PEL: 15 MG/M3 TDUST
 ACGIH TLV: 10 MG/M3 TDUST
 Ozone Depleting Chemical: N

 Name: SUPDAT: HAVE NOT SHOWN ANY SIGNIFICANT INCRS OF KIDNEY DMG NOR
 KIDNEY/LIVER TUMORS. EXTREMELY HIGH CONCS OF (ING 12)

Name: ING 11: BUTYL ACETATE HAVE CAUSED BLOOD CHANGES & WEAKNESS IN LAB
 ANIMALS. VERY HIGH CONC OF METHYL ETHYL KETONE (ING 13)

Name: ING 12: HAVE CAUSED EMBRYOTOXIC EFTS IN LAB ANIMALS. REPORTS HAVE
 ASSOC RPTD & PRLNG OVEREXP TO SOLVS W/PERM (ING 14)

Name: ING 13: BRAIN & NERVOUS SYSTEM DAMAGE.
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Health Hazards Data

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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES: MAY CAUSE MOD EYE IRRIT & MOD CORNEAL INJURY.
 VAPS MAY IRRIT EYES. SKIN: PRLNG CNTCT MAY CAUSE IRRIT, DEFAT. INHAL:
 MAY CAUSE NOSE & THROAT IRRIT. MAY CAUSE NERVOUS SYS DEPRESS CHARACT BY
 FOLLOW ING PROGRESSIVE STEPS: HDCH, DIZZ, NAUS, STAG GAIT, CONFUSN, UNCON.
 INGEST: IF ASPIR (LIQ ENTERS LUNGS), (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptions Of Overexposure: HLTH HAZ: IT MAY BE RAPIDLY ABSORBED
 THRU LUNGS & RSLT IN INJURY TO OTHER BODY SYS. GI DISTRESS. CHRONIC:
 TOLUENE APPEARS ON NAVY LIST OF OCCUP CHEM REPRO HAZS. SEEK CONSULTATION
 FROM APPROP HLTH PROF ESSIONALS CONCERNING LATEST HLTH HAZ INFO & SAFE
 HNDLG & EXPOS INFO (FP N). LAB STUDIES W/RATS HAVE SHOWN THAT (SUPDAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHAL: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE
 MOUTH-TO-MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
 CALL MD. EYES: FLUSH W/FLOWING WATER IMMED & CONTINUOUSLY FOR AT LEAST
 15 MIN. CONSULT MEDICAL PERSONNEL. SKIN: WASH OFF IN FLOWING WATER OR
 SHOWER. REMOVE CONTAMD CLTHG & WASH BEFORE REUSE. IF IRRIT PERSISTS,
 CALL MD. INGEST: DO NOT INDUCE VOMITING. CALL MD.

Handling and Disposal

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Spill Release Procedures: SMALL SPILLS: REMOVE IGNITION SOURCES. MOP UP,
 WIPE UP OR SOAK UP IMMEDIATELY. USE PROPER PROTECTIVE EQUIPMENT. LARGE
 SPILLS: EVACUATE AREA. REMOVE IGNITION SOURCES. CONTAIN LIQUID &
 TRANSFER TO CLOSE D CONTAINERS; KEEP OUT OF WATER SUPPLIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND
 LOCAL REGULATIONS. DO NOT INCINERATE CLOSED OR EMPTY CONTAINERS.

Handling And Storage Precautions: DO NOT STORE ABOVE 120F. AVOID BREATHING
 VAPORS. VAPORS ARE HEAVIER THAN AIR & WILL COLLECT IN LOW AREAS. AVOID
 PROLONGED/REPEATED CONTACT WITH SKIN.

Other Precautions: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE OR INCINERATE.

EXTREMELY FLAMMABLE.

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 Fire and Explosion Hazard Information
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Flash Point Method: TCC
 Flash Point Text: -138F,-94C
 Lower Limits: SEE INGS
 Upper Limits: SEE INGS
 Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL.
 Fire Fighting Procedures: USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILDUP & POSS BURSTING WHEN EXPOS TO HIGH TEMPS.
 Unusual Fire/Explosion Hazard: EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. DO NOT USE OR STORE NEAR HEAT OR IGNITION SOURCES. CONTAINERS MAY BURST AT TEMPERATURES ABOVE 130F.

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 Control Measures
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Respiratory Protection: NIOSH/MSHA APPROVED ORGANIC VAPOR TYPE RESPIRATOR IS REQUIRED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL.
 Ventilation: LOCAL EXHAUST: TO KEEP BELOW TLV. MECHANICAL (GENERAL): TO KEEP BELOW TLV. SPECIAL: NONE. OTHER: NONE.
 Protective Gloves: SOLVENT RESISTANT, IMPERVIOUS GLOVES.
 Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).
 Other Protective Equipment: NONE REASONABLY FORESEEABLE.
 Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
 Supplemental Safety and Health: BP: CONC: >132F,56C; PROPELLANT: -16.4F,-27C. SPEC GRAV (H*20=1): CONC: 0.87; PROPELLANT: 0.54.
 APPEAR/ODOR: PACKAGE:PRESS CNTNRS. EFTS OF OVEREXP: PETRO DISTLS CAUSE KIDNEY DMG & KIDNEY/LIVER TUMORS. EFTS WERE NOT SEEN IN SIMILAR STUDIES W/GUINEA PIGS, DOGS/MONKEYS. SEVERAL STUDIES EVALUATING PETRO WORKERS (ING 11)

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 Physical/Chemical Properties
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B.P. Text: SUPDAT
 Vapor Pres: SEE INGS
 Vapor Density: >1
 Spec Gravity: SUPDAT
 Evaporation Rate & Reference: >1 (BA=1)
 Solubility in Water: SLIGHT
 Appearance and Odor: CONC:LIQ W/CHARACT ODOR. PROPELLANT:CLEAR, ODORLESS GAS. FINISHED (SUPDAT)
 Percent Volatiles by Volume: 83

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 Reactivity Data
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Stability Indicator: YES
 Stability Condition To Avoid: AVOID ANY IGNITION SOURCES. AVOID EXCESSIVE HEAT.
 Materials To Avoid: NITRIC PLUS ACETIC ACIDS; NITRIC PLUS SULFURIC ACID; AMINES; STRONG OXIDIZING AGENTS.
 Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE.
 Hazardous Polymerization Indicator: NO
 Conditions To Avoid Polymerization: NOT RELEVANT

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 Toxicological Information
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 Ecological Information
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 MSDS Transport Information
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 Regulatory Information
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 Other Information
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 HAZCOM Label
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Product ID: WIREMOLD ENAMEL SPRAY, WE-S BUFF
 Cage: 58890
 Company Name: ORB INDUSTRIES INC
 PO Box: 1067
 City: BROOKHAVEN PA
 Zipcode: 19015-0067 US
 Health Emergency Phone: 215-874-2537
 Date Of Label Review: 01/11/1995
 Label Date: 01/11/1995
 Chronic Hazard IND: Y
 Eye Protection IND: YES
 Skin Protection IND: YES
 Signal Word: DANGER
 Respiratory Protection IND: YES
 Health Hazard: Moderate
 Contact Hazard: Moderate
 Fire Hazard: Severe
 Reactivity Hazard: None
 Hazard And Precautions: FLAMMABLE. ACUTE: EYES: MODERATE IRRITATION &
 CORNEAL INJURY. SKIN: PROLONGED CONTACT MAY CAUSE IRRITATION, DEFATTING.
 INHAL: NOSE & THROATE IRRITATION; NERVOUS SYSTEM DEPRESSION WITH
 HEADACHE, DIZZIN ESS, NAUSEA, STAGGERING GAIT, CONFUSION,
 UNCONSCIOUSNESS. INGEST: IF ASPIRATED INTO LUNGS MAY INJURE OTHER BODY
 SYSTEMS. GI DISTRESS. CHRONIC: TOLUENE APPEARS ON THE NAVY OCCUPATIONAL
 CHEMICAL REPRODU CTIVE HAZARDS LIST (FP N). REPORTS ASSOCIATE
 OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.
 LAB STUDIES WITH RATS SHOW KIDNEY/LIVER EFFECTS.

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