

RANBAR TECHNOLOGY INC. D/B/A -- VARNISH, MOISTURE AND FUNGUS RESISTANCE --
8010-00-180-6343

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===== Product Identification =====

Product ID:VARNISH, MOISTURE AND FUNGUS RESISTANCE

MSDS Date:06/14/1989

FSC:8010

NIIN:00-180-6343

MSDS Number: BHDBL

=== Responsible Party ===

Company Name:RANBAR TECHNOLOGY INC. D/B/A

Address:1114 WM. FLINN HIGHWAY

City:GLENSHAW

ZIP:15116

Country:US

Info Phone Num:412-486

-1111

Emergency Phone Num:412-486-1111

Preparer's Name:PAUL R. YINGST

CAGE:DO583

=== Contractor Identification ===

Company Name:BALL CHEMICAL CO

Address:1114 WILLIAM FLINN HIGHWAY

Box:City:GLENSHAW

State:PA

ZIP:15116-2316

Country:US

Phone:412-486-1111

CAGE:51747

Company Name:RANBAR TECHNOLOGY

Address:1114 WM. FLINN HIGHWAY

Box:City:GLENSHAW

Phone:412-486-1111

CAGE:DO583

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

Ingred Name:MINERAL SPIRITS

CAS:64742-88-7

Fraction by W

t: 28%
OSHA PEL:500 PPM
ACGIH TLV:100 PPM

Ingred Name:TUNG OIL
CAS:67746-14-9
Fraction by Wt: 42%
Other REC Limits:NONE SPECIFIED

Ingred Name:SALICYLANILIDE
CAS:87-17-2
RTECS #:VN7850000
Fraction by Wt: 3-4%
Other REC Limits:NONE SPECIFIED

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 25%
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

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===== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES

Reports

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

Health Hazards Acute and Chronic:VAPORS MAY IRRITATE THE EYES AND
RESPIRATORY TRACT; IN HIGH CONCENTRATION, DEPRESSION OF
CENTRAL NERVOUS SYSTEM. PROLONGED OR REPEATED CONTACT WITH SKIN
MAY RESULT IN SKIN IRRITATION AND DERMATITIS.

Effects of Overexposure:EYE IRRITATION, IRRITATION OF MUCOUS MEMBRANES,
HEADACHE, DIZZINESS, NAUSEA, OR LOSS OF CONSCIOUSNESS.

Medical Cond Aggravated by Exposure:DRY SKIN, DERMATITIS, CHEMICAL
PE

NUMONITTA, PULMONARY EDEMA/HEMORRHAGE, AND DEPRESSION OF
CENTRAL NERVOUS SYSTEM.

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===== First Aid Measures =====

First Aid:EYE CONTACT: FLUSH WITH WATER. SKIN CONTACT: REMOVE
CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER. INGESTION: DO
NOT INDUCE VOMITING. GET MEDICAL HELP.

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===== Fire Fighting Measures =====

Flash Point:110F 43C
Lower Limits:1.0
Upper Limits:11.0
Extinguishing Media:USE FOAM,

WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL

Fire Fighting Procedures:FIGHT FIRE IN CONFINED SPACE BY WEARING NIOSH APPROVED S.C.B.A., BUNKER COATS, RUBBER GLOVES, &HELMET W/FACE SHIELD.COOL FIRE EXPOSED DRUMS WITH WATER.

Unusual Fire/Explosion Hazard:STORAGE CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRE SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD-UP WHICH COULD RESULT IN RUPTURING THE CONTAINER

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. STOP SPILL AT SOURCE. DIKE AND CONTAIN SPILL. SOAK UP SPILL WITH A SUITABLE ABSORBENT. REPORT ALL SPILLS GREATER THAN 5 GALLONS. CLEAN.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL PLACE. REMOVE WASTE FROM WORKPLACE WITHIN 3 MONTHS.

===== Exposure Controls/Personal Protection =====

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Respiratory Protection:IN POORLY VENTILATED AREAS, WEAR A NIOSH/MSA CHEMICAL CARTRIDGE RESPIRATOR.

Ventilation:LOCAL EXHAUST: OPEN WINDOWS, DOORS. MECHANICAL: EXHAUST FAN

Protective Gloves:SOLVENT RESISTANT MATERIAL

Eye Protection:SAFETY GLASSES, FACE SHIELD

Other Protective Equipment:SAFETY SHOES

Work Hygienic Practices:WASH HANDS BEFORE EATING AND GOING TO THE REST ROOM; DO NOT SMOKE.

Supplemental Safety and Health
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===== Physical/Chemical Properties =====

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Boiling Pt:B.P. Text:315 - 390F

Vapor Pres:< 10

Vapor Density:4.6

Spec Gravity:.9

Evaporation Rate & Reference:< 1 (BUTYL ACETATE = 1)

Solubility in Water:SLIGHT

Appearance and Odor:DARK AMBER LIQUID, MILD ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:KEEP PRODUCT AWAY FROM INTENSE HEAT SOURCES AND OPEN FLAMES.

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===== Disposal Considerations =====

Waste Disposal Methods: PLACE THE "USED" ABSORBENT IN A NON-LEAKING CONTAINER, SEAL TIGHTLY, & MARK FOR WASTE DISPOSAL THE HAZARDOUS WASTE NO. IS D001

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