

RANBAR TECHNOLOGY D/B/A BALL CHEMICAL CO -- VARNISH, SPAR, ALKYD RESIN --
8010-00-221-2809

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

Product ID:VARNISH, SPAR, ALKYD RESIN

MSDS Date:06/14/1989

FSC:8010

NIIN:00-221-2809

MSDS Number: BJQNP

=== Responsible Party ===

Company Name:RANBAR TECHNOLOGY D/B/A BALL CHEMICAL CO

Address:1114 WILLIAM FLINN HIGHWAY

City:GLENSHAW

State:PA

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

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

Ingred Name:PETROLEUM DISTILLATE: MINERAL SPI

RITS
CAS:64475-85-0
RTECS #:PY8240000
Fraction by Wt: 45-55%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 0-6%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:ALKYD RESIN (NON-HAZARDOUS)
CAS:60071-08-7
Other REC Limits:NONE SPECIFIED

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 0-4%
Other REC Limits:NONE SPECIFIED
OS
HA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
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 & 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
PNEUMONITIS, PULMONARY EDEMA/HEMORRHAGE, AND DEPRESSION OF CENTRAL
NERVOUS SYSTEM.

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

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

=====

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

Flash Point Method:SCC

Flash Point:104F,40C

Lower Limits:0.9

Upper Limits:7.0

Extinguishing Media:USE FOAM, WATER FOG, CARBON DIOXIDE OR DRY CHEMICAL EXTINGUISHING AGENTS.

Fire Fighting Procedures:NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS, BUNKER COATS, GLOVES, RUBBER GLOVES & HELMET W/FACE SHIELD. COOL FIRE EXPOSED DRUMS OR STORAGE TANKS W/WATER.

Unusual Fire/Explosion Hazard:STORAGE CONTAINERS EXPOSED TO INTENSE

HEAT 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 (FLARES, FLAMES, PILOT LIGHTS, ELECTRICAL SPARKS). WEAR APPROPRIATE RESPIRATOR & PROTECTIVE CLOTHING. STOP SPILL AT SOURCE. DIKE & CONTAIN SPILL. SOAK UP SPILL WITH A SUITABLE ABSORBENT. REPORT 5+ GAL SPILLS.

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

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

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

Respiratory Protection:IN POORLY VENTILATED AREA WEAR A NIOSH/MSHA CHEMICAL CARTRIDGE RESPIRATOR.

Ventilation:LOCAL EXHAUST: OPEN WINDOWS, DOORS. MECHANICAL (GENERAL): EXHAUST FAN.

Protective Gloves:SOLVENT RESISTANT TYPE.

Eye Protection:SAFETY GLASSES, FACE SHIELD.

Other Pro

ective Equipment:SAFETY SHOES.

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

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt:B.P. Text:244 TO 388F

Vapor Pres:< THAN 10

Vapor Density:4.8

Spec Gravity:0.919

Solubility in Water:SLIGHT

Appearance and Odor:AMBER LIQUID, PETROLEUM DISTILLATE ODOR.

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

Stability Indicator/Mat

erials to Avoid: YES

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

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

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

Waste Disposal Methods: PLACE THE "USED" ABSORBENT IN A NON-LEAKING
CONTAINER, SEAL TIGHTLY AND MARK FOR WASTE DISPOSAL. THE HAZARDOUS
WASTE NUMBER IS D001.

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.