

RANBAR TECHNOLOGY INC. D/B/A BALL CHEMICAL COMPANY -- G3254 THERMELEC INSULATING VARNISH -- 5970-01-012-1057

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

Product ID:G3254 THERMELEC INSULATING VARNISH

MSDS Date:06/27/1986

FSC:5970

NIIN:01-012-1057

MSDS Number: BNCHL

=== Responsible Party ===

Company Name:RANBAR TECHNOLOGY INC. D/B/A BALL CHEMICAL COMPANY

Address:1114 WM. FLINN HIGHWAY

City:GLENSHAW

State:PA

ZIP:15116-2638

Country:US

Info Phone Num:412-486-1111

Emergency Phone Num:412-486-1111 OR 800-424-9300

Preparer's Name:JOHN C. FUNK

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:SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 40%

OSHA PEL:400 PPM (PROPOSED Z1

ACGIH TLV:400 PPM (RUBBER SOLV

Ingred Name:FORMALDEHYDE (SARA III)

CAS:50-00-0

RTECS #:LP8925000

Fraction by Wt: 0.13%

Other REC Limits:NONE SPECIFIED

OSHA PEL:SEE 1910.1048

ACGIH TLV:C 0.3 PPM; A2; 9293

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

SPECIFIED  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:NO INFORMATION GIVEN ON MSDS BY SUPPLIER  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:IRRITATION OF EYES AND MUCOUS  
MEMBRANES, CHEMICAL PNEUMONIA, PULMONAARY EDEMA/HEMORRHAGE, AND  
DEPRESSION OF  
THE CENTRAL NERVOUS SYSTEM.  
Explanation of Carcinogenicity:NOT RELAVENT  
Effects of Overexposure:EYE IRRITAATION, IRRITATION OF MUCOUS  
MEMBRANES, DRY SKIN, HEADACHE, DIZZINESS, NAUSSSSEA, OR LOSS OF  
CONSCIOUSNESS.  
Medical Cond Aggravated by Exposure:DRY SKIN, DERM ATITIS, CHEMICAL  
PHEUMONIA PULMONARY EDEMA/HEMORRHAGE, NIOSH  
TAARGETORTANS:SKIN,EYES,RESPIRATORY SYSTEM.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD  
LIDS OPEN. SKIN:WASH WITH SOAP  
& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.  
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.  
INGESTED:DO N OT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR  
WATER AND GET IMMEDIATE MEDICAL CARE. DOCTOR TO ORDER VOMITING.  
NOTHING BY MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS  
SEVERE,SEE A DOCTOR.

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

Flash Point Method:SCC  
Flash Point:1  
04F/40C  
Lower Limits:0.9  
Upper Limits:7.0  
Extinguishing Media:CO2, FOAM, DRY CHEMICAL  
Fire Fighting Procedures:USE SCBAF RESPIRATOR IN PP MODE FOR FIRE  
FIGHTING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS,  
EQUIPMENT, OR STRUCTURES.  
Unusual Fire/Explosion Hazard:SOLVENT VAPORS MAY GROUND TRAVEL TO  
REMOVE IGNITION POINT. DO NOT WELD OR USE FLAME NEAR OR ON  
CONTAINERS. DIRECT WATER STREAM MAY SPREAD BURNING PRODUCT.

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

=====

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. PERSONS NOT WEARING PROTECTIVE EQUIPMENT WHOULD BE KEPT AWAY FROM THE AREA OF THE SPILL UNTIL CLEANUP IS COMPLETED. STOP SPILL AT SOURCE  
Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED. AVOID HEAT & IGNITION SOURCES. GROUND CONTAINERS WHEN TRANSFERING CONTENTS. DO NOT PRESSURIZE TO EMPTY CONTENTS.

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR. TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON THEM. REPORT ANY SPILL WHICH ENTERS A WATERWQAY AND CAUSES A SHEEN. KEEP OUT OF SEWE RS, STREEMS & OTHER BODIES OF WATER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IN THE ABSENCE OF PROPER ENVIORNMENTAL CONTROLS.

Ventilation:PROVEID SUFFICIENT EXPLOSION PROOF VENTILATION TO MAIKINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:SOLVENT RESISTANT; NITRILE RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS TO PREVENT SKIN CONTACT. DO NOT WEAR CONTACT LENSES.

Work Hygienic Practices:WASH WITH SOAT AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES, LAUNDER CONTAMINATED CLOTHING.

Supplemental Safety and Health  
NONE

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

HCC:F4

Boiling Pt:B.P. Text:315-388F

Vapor Density:>1

Spec Gravity:0.9

Evaporation Rate & Reference:SLOWER THAN ETHYL ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:AMBER LIQUID,PETROLIUM DISTILLATE ODOR

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

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

Stability Condition to Avoid:MFR SAID "NOT APPLICIABLE" IN THIS FIELD.

Hazardous Decomposition Product

s:BURNING MAY PRODUCE CARBON DIOXIDE  
AND/ OR CARBON MONOXIDE.

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

Waste Disposal Methods:UNRECOVERABLE LIQUID AND CONTAMINATED ABSORBENT  
WILL BE HAZARDOUS WASTE. DISPOSE BY INCINERATING I/A/W ALL FEDERAL,  
STATE AND LOCAL REGULATIONS. DIKE AREA OF SPILL, PUMP LIQUID INTO  
SALVAGE CONTAINER. REMAINING LIQUID MAY BE TAKEN UP WITH  
ABSORBENT.

Disclaimer (provided with this information by the compiling agencies):

T

his 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.