

BALL CHEMICAL CO. -- THERMELEC RED INSULATING VARNISH -- 5970-00-583-0401

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Product Identification
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Product ID:THERMELEC RED INSULATING VARNISH

MSDS Date:01/04/1988

FSC:5970

NIIN:00-583-0401

MSDS Number: BFGHK

=== Responsible Party ===

Company Name:BALL CHEMICAL CO.

Address:1114 WILLIAM FLINN HIGHWAY

City:GRENSHAW

State:PA

ZIP:15116

Country:US

Info Phone Num:412-486-1111

Emergency Phone

Num:800-424-9300

Preparer's Name:JOHN FUNK

CAGE:51747

=== 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

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Composition/Information on Ingredients
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Ingred Name:NAPHTHA, MEDIUM ALIPHATIC

CAS:64742-88-7

Fraction by Wt: 40%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

Ingred Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO74000

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Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9192

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

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, NOSE, THROAT;

CHEMICAL PNEUMONITIS EDEMA/HEMORRHAGE.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:DIZZINESS, EXCITEMENT, DROWSINESS, INCOHERENCE, STAGGERING GAIT, NAUSEA, VOMITING.

Medical Conditions Aggravated by Exposure:DRY SKIN, DERMATITIS, CHEMICAL PNEUMONITIS/PULMONARY EDEMA/HEMORRHAGE.

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

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First Aid:EYE-FLUSH WITH WATER. SKIN-WASH WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHES. INHALE- REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR. IF HARD TO BREATHE GIVE OXYGEN. CALL A DOCTOR. INGEST-DO NOT INDUCE VOMITING EVEN IF VOMIT OCCURS. IF VOMITING OCCURS, KEEP HEAD LOWER THAN HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. CALL A DOCTOR IMMEDIATELY.

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

Flash Point Method:SCC

Flash Point:104F,40

C

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:CO*2, FOAM, DRY CHEM.

Fire Fighting Procedures:WEAR FULL FACED SELF CONTAINED BREATHING APPARATUS OPERATED IN A POSITIVE PRESSURE DEMAND OR OTHER POSITIVE MODE. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:SOLVENT VAPORS ARE HEAVIER THAN AIR. THEY CAN IGNITE AT AREA DISTANTS FROM HANDLING POINT. NEVER USE WELD/CUT TORCH NEAR CNTNRS PRODUCT CAN IGNITE EXPLOSIVELY.

===== Accidenta

I Release Measures =====

Spill Release Procedures:EXTINGUISH IGNITION SOURCES (FLARES, FLAMES--INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE KEPT AWAY FROM AREA OF SPILL UNTIL CLEANUP HAS BEEN COMPLETE D; STOP SPILL AT SOURCE.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT OR IGNITION. GROUND CONTAINERS WHEN

TRANSFERRING. NEVER USE PRESSURE TO EMPTY CONTAINER.

Other Precautions:EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUES AND CONSTITUTE HAZARDOUS WASTE. THE VAPORS RELEASED CAN EASILY IGNITE. AVOID EYE & SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. PREVENT RUN-OFF INTO SEWER S, STREAM, OTHER BODIES OF WATER.

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

Respiratory Protection:A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IN THE ABSENCE OF PROPER ENVIR ONMENTAL CONTROLS.

Ventilation:USE ADEQUATE VENTILATION (EXPLOSION PROOF) TO MAITAIN EXPOSURE BELOW THE TLV.

Protective Gloves:NITRILE RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING. DO NOT WEAR CONTACT LENSES.

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

Supplemental Safety and Health

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

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HCC:F7

Boiling Pt:B.P. Text:315F,157C

Vapor Density:>AIR

Spec Gravity:1.2

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:RED LIQUID; XYLENE ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, AND FUMES/DUST OF IRON OXIDES AND CALCIUM CARBONATE.

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

Waste Disposal Methods:DISPOSE OF AS HAZARDOUS WASTE BY INCINERATION IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DIKE AREA OF SPILL TO PREVENT SPREADING; PUMP LIQUID INTO SALVAGE CONTAINER. REMAINING LIQUID MAY BE TAKEN UP IN SAND, CLAY, EARTH, ETC.

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