

BALL CHEMICAL CO -- G 4420 THERMELEC RED INS VARNISH -- 5970-00-161-7422

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Product Identification  
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Product ID:G 4420 THERMELEC RED INS VARNISH

MSDS Date:01/04/1988

FSC:5970

NIIN:00-161-7422

MSDS Number: BJRLJ

=== Responsible Party ===

Company Name:BALL CHEMICAL CO

Address:1114 WILLIAM FLINN HIGHWAY

City:GLENSHAW

State:PA

ZIP:15116-2316

Country:US

Info Phone Num:412-486-1111

Emergency Pho

ne Num:412-486-1111/CHEMTREC 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 (MFG)

ACGIH TLV:100 PPM (MFG)

Ingred Name:IRO

N OXIDE  
CAS:1309-37-1  
RTECS #:NO7400000  
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:NO  
Reports of Carcinogenicity:NTP:NO  
IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE/CHRONIC-IRRITATION OF EYES,NOSE  
& THROAT;CHEMICAL PNEUMONIA,PULMONARY EDEMA/HEMORRHAGE & DEPRESSION  
OF CNS.  
Effects of Overexposure:HEADACHE, NAUSEA, DIZZINESS, CONFUSION AND  
IRRITABILITY  
Medical Cond Aggravated by Exposure:PERSONS WITH EXISTING KIDNEY AND/OR  
LIVER DISORDERS MAY BE AT INCREASED RISK BY EXPOSURE TO  
XYLENE.REPORTS HAVE ASSOCIATED REPEATED OCCUPATIONAL OVEREXPOSURE  
TO XYLENE WITH BRAIN & CNS DAMAGE.

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

First Aid:CONSULT A PHYSICIAN.SKIN:REMOVE CONTAMINATED CLOTHING.WASH  
SKIN WITH SOAP & WATER.INHALATION:REMOVE TO FRESH AIR.GIVE  
CPR/OXYGEN IF NEEDED.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15  
MINUTES.INGESTION:GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point Method:SCC  
Flash Point:104F,40C  
Lower Limits:1.0  
Upper Limits:7.0  
Extinguishing Media:CARBON DI

OXIDE, FOAM, OR DRY CHEMICAL. WATER MAY BE INEFFECTIVE. BUT IT CAN BE USED TO COOL CONTAINERS EXPOSED TO FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN A PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:PRESSURE MAY BUILD UP IN CLOSED CONTAINERS THAT ARE EXPOSED TO HEAT.SOLVENT VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO AN IGNITION SOURCE & "FLASH BACK".

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

Spill Release Procedures:USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL. REMOVE ALL SOURCES OF IGNITION AND WEAR PROPER PROTECTION EQUIPMENT. VENTILATE ENCLOSED SPACES.FLUSH RESIDUE WITH WATER.

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

Handling and Storage Precautions:STORE AWAY FROM HEAT,SPARKS,AND OPEN FLAME.KEEP CONTAINERS UPRIGHT & OUTSIDE OR IN A STAND  
RD FLAMMABLE  
LIQUID STOREROOM OR CABINET.

Other Precautions:METAL CONTAINERS SHOULD BE GROUNDED WHEN TRASFERRING MATERIAL FROM ONE CONTAINER TO ANOTHER. DO NOT REUSE PRODUCT CONTAINER FOR ANY PURPOSE.

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

Respiratory Protection:IN OUTDOOR OR OPEN AREAS USE BUREAU OF MINES APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVER SPRAY.INDOORS, WHERE VENTILATION IS INADEQUATE, USE BURE

AU OF MINES APPROV ED CHEMICAL-MECHANICAL RESPIRATORS.

Ventilation:LOCAL AND MECHANICAL(GENERAL) ARE BOTH RECOMMENDED.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. WEAR INDUSTRIAL TYPE WORK CLOTHING AND RUBBER APRON AS REQUIRED.

Work Hygienic Practices:CHANGE CONTAMINATED CLOTHING AS SOON AS POSSIBLE. WASH HANDS BEFORE EATING.

Supplemental Safety and Health

USE ONLY WITH ADEQUATE VENTILATION. AVOID BREATHING

VAPORS AND EYE OR  
SKIN CONTACT.

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

HCC:F4

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

Vapor Density:>1

Spec Gravity:1.2

Evaporation Rate & Reference: