

GLYPTAL INC -- RED INSULATING ENAMEL, GLYPTAL CODE ID:1201A -- 5970-00-785-4098

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MSDS Safety Information

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FSC: 5970
NIIN: 00-785-4098
MSDS Date: 05/15/1993
MSDS Num: BWCDY
Tech Review: 05/16/2001
Product ID: RED INSULATING ENAMEL, GLYPTAL CODE ID:1201A
Responsible Party
Cage: 65313
Name: GLYPTAL INC
Address: 305 EASTERN AVE
City: CHELSEA MA 02150-3344 US
Info Phone Number: 617-884-6918
Emergency Phone Number: 617-884-6918

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Item Description Information

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Item Manager: S9G
Item Name: INSULATING VARNISH,ELECTRICAL
Type/Grade/Class: NK
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty: L
Type of Container: UN IP.7B CAN

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Ingredients

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Cas: 1330-20-7
RTECS #: ZE2100000
Name: XYLENES (O-,M-,P- ISOMERS) (SARA III)
% by Wt: 6.9
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: 100 PPM/150STEL;9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Cas: 8030-30-6
RTECS #: DE3030000
Name: BENZIN (VM&P NAPTHA)
% by Wt: 2.2
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Ozone Depleting Chemical: N

Cas: 108-88-3
RTECS #: XS5250000
Name: TOLUENE (SARA III)
% by Wt: 7.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM; Z-2
ACGIH TLV: S, 50 PPM; 9394
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS
Ozone Depleting Chemical: N

Cas: 64741-41-9
Name: NAPHTHA, HEAVY STRAIGHT RUN (STODDARD SOLVENT)
% by Wt: <0.1
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 300 PPM
ACGIH TLV: 300 PPM
Ozone Depleting Chemical: N

Cas: 1309-38-2
RTECS #: OM4800000
Name: IRON OXIDE
% by Wt: 3.3
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Ozone Depleting Chemical: N

Cas: 14807-96-6
RTECS #: MW2700000
Name: TALC (HYDRATED MAGNESIUM SILICATE)
% by Wt: 6.8
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 0.2 FIBERS/CC
ACGIH TLV: 0.2 FIBERS/CC; 9394
Ozone Depleting Chemical: N

Cas: 78-93-3
RTECS #: EL6475000
Name: METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
% by Wt: 25.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 200 PPM
ACGIH TLV: 200 PPM/300STEL;9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 71-36-3
RTECS #: EO1400000
Name: N-BUTYL ALCOHOL (SARA III)
% by Wt: 2.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 100 PPM
ACGIH TLV: S, C 50 PPM; 9394
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 67-64-1
RTECS #: AL3150000
Name: ACETONE (SARA III)
% by Wt: 18.0
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1000 PPM
ACGIH TLV: 750PPM/1000STEL;9294
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS
Ozone Depleting Chemical: N

Cas: 74-98-6
 RTECS #: TX2275000
 Name: PROPANE (PROPELLANT)
 % by Wt: 15.0
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: 1000 PPM
 ACGIH TLV: ASPHYXIA; 9394
 Ozone Depleting Chemical: N

 Name: ALKYD RESIN, NON-HAZARDOUS
 % by Wt: 14
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

Name: VOLATILE ORGANIC CONTENT AS LISTED ON MSDS. (LESS
 WATER), LBS/GAL=UNITS.DETERMINED BY METHOD 24 ASTM D2369, D1475, D3960.
 % by Wt: 5.49
 Other REC Limits: NONE RECOMMENDED
 OSHA PEL: NOT ESTABLISHED
 ACGIH TLV: NOT ESTABLISHED

Health Hazards Data

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 Route Of Entry Inds - Inhalation: YES
 Skin: YES
 Ingestion: NO
 Carcinogenicity Inds - NTP: NO
 IARC: NO
 OSHA: NO
 Effects of Exposure: PRIMARY SKIN/EYE IRRIT.PER REPORTS REPEAT/PROLONG
 OCCUPA OVEREXPO TO XYLENE W/PERM BRAIN & CNS DAMAGE.WHILE MATL HAS LOW
 DEGREE OF TOXICITY BREATH HI CONCEN OF VAP/MIST MAY CAUSE IRRIT OF
 NOSE/THROAT/ RESP.
 Explanation Of Carcinogenicity: PER MSDS:NONE OF COMPONENTS OF THIS
 PRODUCT ARE REPORTED CARCINOGENS IN A/C W/OSHA/NTP/IARC/NIOSH.
 Signs And Symptoms Of Overexposure: HEADACHE, NAUSEA, DIZZINESS,
 CONFUSION, IRRITABILITY.
 Medical Cond Aggravated By Exposure: RESPIRATORY DIFFICULTIES OR
 PRE-EXISTING SKIN SENSITIZATION.PRE-EXISTING LIVER &/OR KIDNEY
 DISORDERS AGGREGATED BY XYLENE EXPO.PRE-EXISTING HEAT DISORDERS
 SUSCEPTIBLE TO IRREG HEARTBEATS.
 First Aid: INHAL:REMOVE TO FRESH AIR.ADMINISTER ARTIFICIAL RESP OR OXYGEN
 IF BREATHING IS DIFFICULT. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMIN
 CLOTHING. CONSULT PHYSICIAN IF IRRIT PERSISTS. EYE:FLUSH IMMED W/LG
 AMTS OF WATER FOR @LEAST 15MINS. TAKE TO PHYSICIAN FOR MED TREATMENT.
 INGEST:CALL PHYSICIAN IMMED.

Handling and Disposal

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 Spill Release Procedures: PROVIDE ADEQUATE VENTILATION.REMOVE ALL POSSIBLE IGN
 SOURCES.ABSORB & DISPOSE USING NON-SPARKING TOOLS.EVACUATE UNPROTECTED
 PERSONNEL.WATERSPRAY MAY BE USED.CONTAIN RUNOFF BY COVER W/ABSORBENT
 MATL.PLACE IN CONTNR.FLUSH W/WATER TO REMOVE RESIDUE.
 Neutralizing Agent: NONE SPECIFIED BY MFG.
 Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL APPLICABLE
 REGULATIONS.DISPOSE OF USING AN APPROVED INCINERATION PROCESS OR IN
 ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS REGARDING HEALTH &
 POLLUTION.
 Handling And Storage Precautions: STORE IN COOL DRY PLACE AWAY FROM

HEAT/SPARKS/OPEN FLAME.KEEP CONTAINERS CLOSED & UPRIGHT TO PREVENT LEAKAGE.OUTSIDE/DETACHED STORAGE PREFERRED.

Other Precautions: INSIDE STORAGE SHOULD BE IN STANDARD FLAMM LIQ STOREROOM OR CABINET. METAL CONTAINERS SHOULD BE GROUNDED WHEN TRANSFERRING MATERIAL FROM ONE CONTAINER TO ANOTHER. DO NOT REUSE PRODUCT CONTAINER FOR AN Y PURPOSE.

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Fire and Explosion Hazard Information

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Flash Point: <-29.C, -20.2F

Lower Limits: 0.9

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL OR FOAM. FLAMMABLE LIQUID.

Fire Fighting Procedures: WATER MAY BE INEFFECTIVE HOWEVER WATER MAY BE USED TO COOL CLOSED CONTNRS THAT ARE EXPOSED TO HEAT.FIREFIGHTING PERSONNEL SHOULD WEAR SCBS.

Unusual Fire/Explosion Hazard: PRESS MAY BUILDUP IN CLSD CNTNRS THAT ARE EXPO TO HEAT.SOLVENT VAP ARE HEAVIER THAN AIR & MAY TRAVEL CONSIDERABLE DISTANCE ALONG GROUND TO IGN SOURCE & FLASHBAK

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Control Measures

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Respiratory Protection: OUTDOOR/OPEN AREAS USE BUREAU OF MINES APPROVED MECHANICAL FILTER RESP TO REMOVE SOLID AIRBORNE PARTICULTATE OF OVERSPRAY.INDOORS WHERE VENTILATION IS INADEQUATE USE BUREAU OF MINES APPROVED CHEM-MECH RESP DESINGED TO REMOVE BOTH PART & VAP

Ventilation: NONE SPECIFIED BY MFG.

Protective Gloves: RECOMMENDED.

Eye Protection: CHEM SPLASH GOGGLES.

Other Protective Equipment: RECOMMENDED AS NEEDED TO AVOID CONTACT.

Work Hygienic Practices: LAUNDER CONTAMIN CLOTHING PRIOR TO REUSE. WASH HANDS AFTER HANDLING.

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Physical/Chemical Properties

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HCC: V3

B.P. Text: 132F,56C

Vapor Density: >AIR

Evaporation Rate & Reference: FASTER THAN ETHER

Solubility in Water: NEGLIGIBLE

Appearance and Odor: RED LIQUID.

Percent Volatiles by Volume: 87.4

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Reactivity Data

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Stability Indicator: YES

Stability Condition To Avoid: NONE KNOWN PER MSDS. HOWEVER AVOID HIGH TEMP & SOURCES OF IGNITION.

Materials To Avoid: STRONG ACIDS & BASES.

Hazardous Decomposition Products: BY FIRE:NORMAL PRODUCTS OF INCOMPLETE COMBUSTION.

Hazardous Polymerization Indicator: NO

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Toxicological Information

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Ecological Information

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MSDS Transport Information

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Regulatory Information

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Other Information

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Transportation Information

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Responsible Party Cage: 65313
 Trans ID NO: 85865
 Product ID: RED INSULATING ENAMEL, GLYPTAL CODE ID:1201A
 MSDS Prepared Date: 05/15/1993
 Review Date: 03/03/1999
 Article W/O MSDS: N
 Multiple KIT Number: 0
 Unit Of Issue: CN
 Container QTY: L
 Type Of Container: UN IP.7B CAN
 Additional Data: PER CTDF:DOT CLASS-FLAMM COMPRESSED GAS, PER
 TIR:CAN,AEROSOL.

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Detail DOT Information

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DOT PSN Code: AGC
 DOT Proper Shipping Name: AEROSOLS, FLAMMABLE,
 DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
 Hazard Class: 2.1
 UN ID Num: UN1950
 Label: FLAMMABLE GAS
 Special Provision: N82
 Non Bulk Pack: NONE
 Bulk Pack: NONE
 Max Qty Pass: 75 KG
 Max Qty Cargo: 150 KG
 Vessel Stow Req: A
 Water/Ship/Other Req: 40,48,85

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Detail IMO Information

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IMO PSN Code: AKD
 IMO Proper Shipping Name: AEROSOLS o
 IMDG Page Number: 2102
 UN Number: 1950
 UN Hazard Class: 2(T)
 IMO Packaging Group: -
 Subsidiary Risk Label: T
 EMS Number: 2-13
 MED First Aid Guide NUM: 620

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Detail IATA Information

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IATA PSN Code: ALS
 IATA UN ID Num: 1950
 IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
 IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
 IATA UN Class: 2.1
 IATA Label: FLAMMABLE GAS
 Packing Note Passenger: 203

Max Quant Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information

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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label

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Product ID: RED INSULATING ENAMEL, GLYPTAL CODE ID:1201A
Cage: 65313
Company Name: GLYPTAL INC
Street: 305 EASTERN AVE
PO Box: NONE
City: CHELSEA MA
Zipcode: 02150-3344 US
Health Emergency Phone: 617-884-6918
Date Of Label Review: 05/16/2001

Hazard And Precautions: PRIMARY SKIN/EYE IRRIT.PER REPORTS REPEAT/PROLONG
OCCUPA OVEREXPO TO XYLENE W/PERM BRAIN & CNS DAMAGE.WHILE MATL HAS LOW
DEGREE OF TOXICITY BREATH HI CONCEN OF VAP/MIST MAY CAUSE IRRIT OF
NOSE/THROAT/ RESP.

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