

GLYPTAL INC -- GLYPTAL, 1276 -- 8040-01-445-5329

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Product Identification
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Product ID:GLYPTAL, 1276

MSDS Date:05/02/1989

FSC:8040

NIIN:01-445-5329

MSDS Number: CGVPJ

=== Responsible Party ===

Company Name:GLYPTAL INC

Address:305 EASTERN AVE

City:CHELSEA

State:MA

ZIP:02150-3344

Country:US

Info Phone Num:617-884-6918

Emergency Phone Num:617-884-6918

CAGE:65313

=== Contractor Identification

===

Company Name:GLYPTAL INC

Address:305 EASTERN AVE

Box:NONE

City:CHELSEA

State:MA

ZIP:02150-3344

Country:US

Phone:617-884-6918

CAGE:65313

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Composition/Information on Ingredients
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Ingred Name:ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE) (CERCLA)

CAS:141-78-6

RTECS #:AH5425000

Fraction by Wt: 34.8%

OSHA PEL:400 PPM

ACGIH TLV:400 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL; (OXYGENATED HYDROCARBON MIXTURE.IPA)

(SARA 313)

CAS:67-63-

0
RTECS #:NT8050000
Fraction by Wt: 10.4%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM;500 STEL

Ingred Name:NITROCELLULOSE; (CELLULOSE NITRATE)
CAS:9004-70-0
RTECS #:QW0970000
Fraction by Wt: 24.4%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:PHTHALIC ACID, DIBUTYL ESTER; (DIBUTYL PHTHALATE) (SARA 313) (CERCLA)
CAS:84-74-2
RTECS #:TI0875000
Fraction by Wt: 4.8%
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:TOLUENE (SARA 313) (CERCLA)
CAS:108-88-3
RTECS #:XS525000
0
Fraction by Wt: 4.1%
OSHA PEL:200 PPM
ACGIH TLV:50 PPM, S
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ALCOHOL; (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 4.1%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM

Ingred Name:2-BUTANONE; (METHYL ETHYL KETONE) (MEK) (SARA 313) (CERCLA)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 1.8%
OSHA PEL:200 PPM
ACGIH TLV:200 PPM;300 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ALKYD RESIN; (NON-HAZARDOUS ALKYD RESIN)
Fraction

by Wt: 15.6%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingrd Name:VOLATILE ORGANIC COMPOUNDS: 4.98 LBS/GAL (LESS WATER).
RTECS #:9999999VO

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:HEADACHE, NAUSEA, DIZZINESS,
CONFUSION, IRRITABILITY. WHILE THIS MATERIAL HAS A LOW DEGREE OF
TOXIC
ITY, BREATHING HIGH CONCENTRATIONS OF VAPORS OR MISTS MAY
CAUSE IRRITATION OF NOSE AND THROAT. REPORT S HAVE ASSOCIATED
REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH
PERMANENT BRAIN AND(EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HLTH HAZ:NERVOUS SYSTEM DAMAGE. NOTE:TOLUENE
APPEARS ON THE NAVY LIST OF OCCUPATIONAL CHEMICAL REPRODUCTIVE
HAZARDS. SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS
CONCERNING L
ATEST HAZARD LI ST INFO & SAFE HANDLING & EXPOSURE
INFO.
Medical Cond Aggravated by Exposure:RESP DFCLTIES/PREEXISTING SKIN
SENSIT. RESP SYMPS ASSOC W/PRE-EXISTING LUNG DISORDERS MAY BE
AGGRAVATED BY EXPOS TO THIS MATL. PERS W/PRE-EXISTING HEART
DISORDERS MAY BE MORE SUSCEPTIBLE TO (SUPDAT)

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

First Aid:INHAL:REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION
OR OXYGEN IF BREATHING IS DIFFICULT. SKIN:WASH
AFFECTED AREA W/SOAP
& WATER. REMOVE & LAUNDRER CONTAMINATED CLOTHING. CONSULT MD IF
IRRITATI ON PERSISTS. EYES:FLUSH IMMEDIATELY W/LARGE AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES. TAKE TO MD FOR MEDICAL TREATMENT.
INGEST:CALL MD IMMEDIATELY.

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

Flash Point Method:PMCC
Flash Point:22.0F,-5.6C
Lower Limits:0.47%
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.
Fire Fighting Procedures:USE NIOSH APPROVED SC

BA & FULL PROTECTIVE

EQUIPMENT . WATER MAY BE INEFT, HOWEVER, WATER MAY BE USED TO COOL CLOSED CONTAINERS THAT ARE EXPOSED TO HEAT.

Unusual Fire/Explosion Hazard:FLAMMABLE. PRESS MAY BUILD UP IN CLSD CNTNRS THAT ARE EXPOS TO HEAT. SOLV VAPS ARE HVR/AIR & MAY TRAVEL CONSIDERABLE DIST ALONG GROUND TO IGNIT SOURCE &(SUPDAT)

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

Spill Release Procedures:PROVIDE ADEQ VENT. REMOVE ALL POSS IGNIT SOURCES. ABSORB & DIS P USING NON-SPARKING TOOLS. ELIM ALL SOURCES OF IGNIT. EVACUATE UNPROT PERS. WATER SPRAY MAY BE USED. TO CONTAIN RUN-OFF, COVER W/ABSORB M ATL & PLACE IN CNTNRS FOR PROPER DISP. (SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE AWAY FROM HEAT, SPKS & OPEN FLAME. KEEP CNTNRS CLSD & UPRIGHT TO PVNT LEAKAGE. OUTSIDE/DETACHED STORAGE IS PREFERRED.

Other Precautions:INSIDE STORAGE SHOULD BE IN STD FLAMM LIQ STOREROOM/CABINET. METAL CNTNRS SHOULD BE GROUNDED WHEN TRANSFERRING MATL FROM ONE CNTNR TO ANOTHER. DO NOT REUSE PRODUCT CONTAINER FOR ANY PURPOSE.

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

Respiratory Protection:IN OUTDOOR/OPEN AREAS USE NIOSH APPROVED MECH FILTER RESP TO REMOVE SOLID AIRBORNE PARTICULATES OF OVERSPRAY. INDOORS, WHERE VENT IN INADEQ, USE NIOSH APPROVED CHEMICA

L-MECHANICAL RESPS DESIGNED TO RE MOVE BOTH PARTICULATE & VAPOR.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA . RECOMMENDED AS NEEDED TO AVOID CONTACT.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLO HAZ:"FLASH BACK". MED CNDTNS:IRREGULAR HEARTBEATS IF EXPOSED TO

HIGH CONCENTRATIONS OF THIS MATERIAL. SPILL PROC:FLUSH AREA W/WATER TO REMOVE RESIDUE.

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

HCC:F2
Boiling Pt:B.P. Text:>132F,>56C
Vapor Pres:45.54
Vapor Density:HVR/AIR
Spec Gravity:1.08
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:NEGLIGIBLE
Appearance and Odor:CLEAR.
Percent Volatiles by Volume:69.2

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

Stability Indicator/Material
s to Avoid:YES
STRONG ACIDS & BASES.
Stability Condition to Avoid:NONE KNOWN.
Hazardous Decomposition Products:BY FIRE: NORMAL PRODUCTS OF INCOMPLETE COMBUSTION.

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

Waste Disposal Methods:DISPOSE I/A/W LOCAL APPLICABLE REGULATIONS.
DISPOSE OF USING AN APPROVED INCINERATION PROCESS OR I/A/W LOCAL,
STATE & FEDERAL REGULATIONS REGARDING HEALTH & POLLUTION.

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