

GLYPTAL INC -- GLYPTAL AIR DRY ENAMEL 1201 -- 5970-00-583-0401

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Product Identification
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Product ID:GLYPTAL AIR DRY ENAMEL 1201

MSDS Date:01/04/1999

FSC:5970

NIIN:00-583-0401

Status Code:A

MSDS Number: CJZFG

=== 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:617-884-691

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Preparer's Name:TECHNICAL STAFF

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

Contract Num:SP0430-00-M-H533

CAGE:65313

Company Name:THE SMITH GROUP INC.

Address:811 E. CAYUGA STREET

Box:City:PHILADELPHIA

State:PA

ZIP:19124-3893

Country:US

Phone:215-743-8200

CAGE:2B613

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Composition/Information on Ingredients
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Ingred Name:XYLENE

CAS:1330-20-7

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TECS #:ZE2100000

= Wt:34.5

ACGIH TLV:434 MG/M3;100 PPM

ACGIH STEL:651 MG/M3;150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:VM&P NAPHTHA

CAS:8030-30-6

RTECS #:DE3030000

= Wt:5.6

OSHA PEL:400 MG/M3;100 PPM

ACGIH TLV:1590 MG/M3;400 PPM

Ingred Name:STODDARD SOLVENT

CAS:8052-41-3

RTECS #:WJ8925000

= Wt:.2

OSHA PEL:2900 MG/M3;500 PPM

ACGIH TLV:525 MG/M3;100 PPM

Ingred Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

= Wt:8.2

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3;2 PPM

Ingred Name:HYDRA

TED MAGNESIUM SILICATE

CAS:14807-96-6

RTECS #:WW2710000

= Wt:16.9

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

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===== Hazards Identification =====
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY
SYSTEM, CENTRAL NERVOUS SYSTEM, GASTROINTESTINAL TRACT, BLOOD,
LIVER, KIDNEYS (PER HMIS)

). ACUTE: SKIN AND EYE CONTACT:PRIMARY IRRITATION. CHRONIC: XYLENE CONTAINED IN THIS MATERIAL HAS BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: ANEMIA, ABNORMALITIES, LIVER AND EYE DAMAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO XYLENE WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Explanation of Carcinogenicity:NONE OF THE COMPONENTS OF THIS PRODUCT ARE REPORTED CARCINOGENS IN A/C WITH OSHA, NTP, IARC OR NIOSH.

Effects of Overexposure:HEADACHE, NAUSEA, DIZZINESS, CONFUSION, IRRITABILITY.

Medical Conditions Aggravated by Exposure:RESPIRATORY DIFFICULTIES OR PREEXISTING SKIN SENSITIZATION. PRE-EXISTING LIVER AND KIDNEY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO XYLENE.

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

First Aid:INHALATION: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL RESPIRATION OR OXYGEN IF BREATHING IS DIFFICULT. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. REMOVE AND LAUNDRY CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO PHYSICIAN FOR MEDICAL TREATMENT. INGESTION: CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:PMCC
Flash Point:=-22.2C, 72.F
Lower Limits:1.0
Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.
Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, HOWEVER, WATER MAY BE USED TO COOL CLOSED CONTAINERS THAT ARE EXPOSED TO HEAT. FIRE FIGHTING PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.
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 A CONSIDERABLE DISTANCE ALONG THE GROUND TO AN IGNITION SOURCE AND "FLASH BACK"

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

Spill Release Procedures:

PROVIDE ADEQUATE VENTILATION. REMOVE ALL POSSIBLE IGNITION SOURCES. ABSORB AND DISPOSE OF SPILL USING NON-SPARKING TOOLS. ELIMINATE ALL SOURCES OF IGNITION. EVACUATE UNPROTECTED PERSONNEL. WATER SPRAY MAY BE USED. TO CONTAIN RUN-OFF, COVER WITH AN ABSORBENT MATERIAL AND PLACE IN CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE RESIDUE.
Neutralizing Agent:NONE PROVIDED BY MFR.

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

Handling and Storage

Precautions:STORE IN COOL DRY PLACE AWAY FROM HEAT, SPARKS, AND OPEN FLAME. KEEP CONTAINERS CLOSED AND UPRIGHT TO PREVENT LEAKAGE. OUTSIDE OR DETACHED STORAGE PREFERRED.

Other Precautions:INSIDE STORAGE SHOULD BE IN A STANDARD FLAMMABLE LIQUID STORAGE ROOM OR CABINET. METAL CONTAINERS SHOULD BE GROUNDED WHEN TRANSFERRING MATERIAL FROM ONE CONTAINER TO ANOTHER. DO NOT REUSE PRODUCT CONTAINER FOR ANY PURPOSE.

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

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Respiratory Protection:IN OUTDOOR OR OPEN AREAS USE BUREAU OF MINES APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICULATES OF OVERSPRAY. INDOORS, WHERE VENTILATION IS INADEQUATE, USE BUREAU OF MINES APPROVED CHEMICAL-MECHANICAL RESPIRATOR DESIGNED TO REMOVE BOTH PARTICULATE AND VAPOR.

Ventilation:NONE PROVIDED BY MFR.

Protective Gloves:RECOMMENDED IF SKIN CONTACT LIKELY.

Eye Protection:CHEMICAL SPLASH GOGGLES RECOMMENDED.

Other Protective Equipment:RECOMMENDED AS NEEDED TO AVOID CONTACT.

Work Hygienic Practices:NONE PROVIDED BY MFR.

Supplemental Safety and Health
NONE PROVIDED BY MFR.

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

HCC:F2

NRC/State Lic Num:NONE

Boiling Pt:>121.1C, 250.F

B.P. Text:250 TO 345 F

Vapor Pres:5.79 MM/HG

Vapor Density:> AIR

VOC Grams/Liter:3.98

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID WITH PAINT ODOR

Percent Volatiles by Vol

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

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS AND BASES.

Stability Condition to Avoid: NONE KNOWN.

Hazardous Decomposition Products: NORMAL PRODUCTS OF INCOMPLETE
COMBUSTION.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH LOCAL APPLICABLE
REGULATIONS. DISPOSE OF USING AN APPROVED
INCINERATION PROCESS OR
IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS REGARDING
HEALTH AND POLLUTION.

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