

MATERIAL SAFETY DATA SHEET

DATE OF PRINTING: 7/28/06

SECTION I

MANUFACTURER: GLYPTAL, INC.
 305 EASTERN AVE
 CHELSEA, MA 02150
 TELEPHONE: 617-884-6918
 PRODUCT CLASS: PAINT
 CODE IDENTIFICATION: CE-237
 TRADE NAME: GLYPTAL

GLYPTAL HAS FORMULATE SUBSTITUTE
 PRODUCTS WHICH HAVE SIMILAR HANDLING
 AND TECHNICAL PERFORMANCE CHARACTERIS
 AND ARE COMPLINAT WITH ALL EXISTING
 FEDERAL ENVIRONMENTAL LAWS. FOR MORE
 INFORMATION CALL 1-800-457-1201

HMIS 2 3 0

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT	ACGIH TLV PPM	OSHA PEL mg/cu.m.
XYLENE CAS NUMBER 1330-20-7 HMIS HEALTH=1 FLAMMABILITY=3 REACTIVITY=0 XYLOL	38.1	100	100
VM&P NAPHTHA CAS NUMBER 8030-30-6 HMIS HEALTH=2 FLAMMABILITY=3 REACTIVITY=0 ALIPHATIC HYDROCARBON	7.2	300	300
BUTYL CELLOSOLVE CAS NUMBER 111-76-2 HMIS HEALTH=2 FLAMMABILITY=1 REACTIVITY=0 ETHYLENE GLYCOL N-BUTYL ETHER	1.3	25	25
BLACK IRON OXIDE CAS NUMBER 1317-61-9 HMIS HEALTH=0 FLAMMABILITY=1 REACTIVITY=1 SYNTHETIC IRON OXIDE	6.6		15
LAKTANE CAS NUMBER 64742-89-8 HMIS HEALTH=1 FLAMMABILITY=3 REACTIVITY=0 LAKTANE	1.4	200	500
AROMATIC 100 CAS NUMBER 64742-95-6 HMIS HEALTH=2 FLAMMABILITY=2 REACTIVITY=0 AROMATIC HYDROCARBON MIXTURE	1.1	100	100
STODDARD SOLVENT CAS NUMBER 64741-41-9 HMIS HEALTH=2 FLAMMABILITY=2 REACTIVITY=0 HYDROCARBON MIXTURE	0.2	500	
CELLOSOLVE CAS NUMBER 110-80-5 HMIS HEALTH=2 FLAMMABILITY=2 REACTIVITY=0 OXYGENATED HYDROCARBON	< 0.1	5	200

VM & P (CAS# 8030-30-6). AGENCY OSHA TYPE STEL. EXPOSURE LIMIT 400 PPM

N/A MEANS NOT AVAILABLE N/EST MEANS NOT ESTABLISHED

NOT EST. means NOT ESTABLISHED

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SECTION III - PHYSICAL DATA

BOILING RANGE: 220.0 TO 340.0 F VAPOR DENSITY: HEAVIER THAN A.
VAPORATION RATE: SLOWER THAN ETHER
PERCENT VOLATILE BY VOLUME: 60.7 VOC (less water): 4.28 LBS/G
WEIGHT PER GALLON: 8.65 POUNDS

P.O.C.Is determined per EPA Reference method 24 using ASTM procedures:
D1475 and D 3960.

VAPOR PRESSURE: NA MELTING POINT: NA

SOLUBILITY IN WATER: NEGLIGIBLE

APPEARANCE AND ODOR: BLACK

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA CATEGORY: FLAMMABLE LIQUID

FLASH POINT : 79 F TCC LEL: 1.0 UEL: NA

EXTINGUISHING MEDIA:

Carbon dioxide, dry chemical or foam

UNUSUAL FIRE AND EXPLOSION HAZARDS:

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".

SPECIAL FIRE FIGHTING PROCEDURES:

Water may be ineffective, however, water may be used to cool closed
containers that are exposed to heat. Firefighting personnel should
wear self-contained breathing apparatus.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II

PRIMARY ROUTE(S) OF ENTRY:

Inhalation and skin contact

EFFECTS OF OVEREXPOSURE:

Headache, nausea, dizziness, confusion, irritability.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Respiratory difficulties or preexisting skin sensitization.

CARCINOGENICITY:

None of the components of this product are reported carcinogens in A
OSHA, NTP, IARC and NIOSH.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Administer artificial respiration
or oxygen if breathing is difficult.

SKIN: Wash affected area with soap and water. Remove and launder
contaminated clothing. Consult a physician if irritation
persists.

EYES: Flush immediately with large amounts of water for at least
minutes. Take to a physician for medical treatment.

INGESTION: Call a physician immediately.

Pre-Existing liver and/or kidney disorders may be aggravated by exposure.

ylene. Reports have associated repeated and prolonged occupational exposure to xylene with permanent brain and nervous system damage. Prolonged or repeated exposure to vapors or mists of glycol ethers may cause blood disorders, liver damage, kidney damage. Respiratory symptoms associated with pre-existing lung disorders (E.G. ASTHMA-LIKE CONDITIONS) may be aggravated by overexposure to glycol ethers.

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SECTION VI - REACTIVITY DATA

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STABILITY: NORMALLY STABLE

CONDITIONS TO AVOID:

None known

INCOMPATIBILITY (Materials to avoid)

Strong acids and bases

HAZARDOUS DECOMPOSITION PRODUCTS:

BY FIRE: Normal products of incomplete combustion.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:

None known

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SECTION VII - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Provide adequate ventilation. Remove all possible ignition sources.

Absorb and dispose using non-sparking tools.

Eliminate all sources of ignition. Evacuate unprotected personnel.

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.

WASTE DISPOSAL METHOD:

Dispose in accordance with local applicable regulations.

Consider use of using an approved incineration process or in accordance with

local, state, and federal regulations regarding health and pollution

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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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 over

Indoors, where ventilation is inadequate. Use Bureau of Mines

approved chemical-mechanical respirators designed to remove both

particulate and vapor.

VENTILATION:

PROTECTIVE GLOVES:

Recommended if skin contact is likely.

EYE PROTECTION:

Chemical splash goggles recommended if potential for splash or

contact is likely.

OTHER PROTECTIVE EQUIPMENT:

Recommended as needed to avoid contact.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING:

Store in a cool dry place away from heat, sparks and open flame. Keep containers closed and upright to prevent leakage. Outside or detached storage is preferred. Inside storage should be in a standard flammable liquid storeroom or cabinet. Metal containers should be grounded when transferring material from one container to another. Do not reuse product container for any purpose.

OTHER PRECAUTIONS:

PREPARED BY: TECHNICAL STAFF

REFERENCE DATE: 7/28/06

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION ABOVE.

TO WHOM IT MAY CONCERN: EFFECTIVE JAN 1, 1989, WE ARE REQUIRED BY SARA TITLE III SECTION 313 OF THE RIGHT TO KNOW LEGISLATION, TO INFORM YOU OF THE PERCENTAGE OF ANY INGREDIENT IN A PRODUCT WHICH IS IN THE 313 LIST OR AS AN LISTING AS A COMPONENT OF A MATERIAL WHICH IS IN A CATEGORY OF CHEMICAL LIST.

PRODUCT: CE-237 GLYPTAL

38.1% XYLENE (CAS NUMBER 1330-20-7)

IF YOU WILL MULTIPLY YOUR TOTAL PURCHASES FROM US AS WELL AS FROM OTHER SUPPLIERS BY THE PERCENTAGE OF EACH INGREDIENT FOUND IN EACH PRODUCT AND IF THE TOTAL QUANTITY EXCEEDS THE REPORTABLE QUANTITY FOR THAT INGREDIENT YOU ARE REQUIRED TO FILE FORM R REPORTS.