

DATE OF PRINTING: 7/28/06

## SECTION I

MANUFACTURER: GLYPTAL, INC.  
 305 EASTERN AVE  
 CHELSEA, MA 02150  
 TELEPHONE: 617-884-6918  
 PRODUCT CLASS: ALKYD PRIMER  
 CODE IDENTIFICATION: C-1968CAB  
 TRADE NAME: GLYPTAL

HMIS 2 3 0 *Paint, 3, un1263, PG-II*

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT	ACGIH TLV PPM	mg/cu.m.	OSHA PEL PPM	mg/cu.m.
BUTYL ACETATE	11.8	150		150	
CAS NUMBER 123-86-4					
HMIS HEALTH=2 FLAMMABILITY=3 REACTIVITY=0					
BUTYL ACETATE					
METHYL AMYL KETONE	0.9	50		100	
CAS NUMBER 110-43-0					
HMIS HEALTH=3 FLAMMABILITY=3 REACTIVITY=0					
METHYL AMYL KETONE					
AROMATIC 100	8.3	100		100	
CAS NUMBER 64742-95-6					
HMIS HEALTH=2 FLAMMABILITY=2 REACTIVITY=0					
AROMATIC HYDROCARBON MIXTURE					
2-PROPANOL-1-METHOXY ACETATE	0.5	NE			
CAS NUMBER 108-65-6					
HMIS HEALTH=1 FLAMMABILITY=2 REACTIVITY=0					
2-PROPANOL-1-METHOXY ACETATE					
ELEMENTAL CARBON	< 0.1		3.5		
CAS NUMBER 1333-86-4					
HMIS HEALTH=0 FLAMMABILITY=0 REACTIVITY=0					
CARBON BLACK					
STODDARD SOLVENT	0.1	100		100	
CAS NUMBER 8052-41-3					
HMIS HEALTH=2 FLAMMABILITY=2 REACTIVITY=0					
HYDROCARBON MIXTURE					
ZIRCONIUM COMPOUND	0.1		5	NA	NA
CAS NUMBER					
HMIS HEALTH=2 FLAMMABILITY=0 REACTIVITY=0					
ZIRCONIUM COMPOUND					
METHYL PROPYL KETONE	1.1			200	
CAS NUMBER 107-87-9					
HMIS HEALTH=2 FLAMMABILITY=3 REACTIVITY=0					
METHYL PROPYL KETONE					

BUTYL ACETATE (CAS # 123-86-4) AGENCY OSHATYPE STEL EXPOSURE LIMIT 200 PPM.  
 N/A MEANS NOT AVAILABLE N/EST MEANS NOT ESTABLISHED  
 NOT EST. means NOT ESTABLISHED  
 NOT EST. means NOT ESTABLISHED

N/A MEANS NOT AVAILABLE NOT EST MEANS NOT ESTABLISHED

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## SECTION III - PHYSICAL DATA

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BOILING RANGE: 133.0 TO 345.0 F VAPOR DENSITY: HEAVIER THAN AIR  
EVAPORATION RATE: SLOWER THAN ETHER  
PERCENT VOLATILE BY VOLUME: 45.0 \* VOC (less water): 2.8/5.2 GL/GL SOLIDS  
WEIGHT PER GALLON: 11.68 POUNDS

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V.O.C.Is determined per EPA Reference method 24 using ASTM procedures D2369  
,D1475 and D 3960.

VAPOR PRESSURE: N/A MELTING POINT: N/A  
SOLUBILITY IN WATER: NEGLIGIBLE  
APPEARANCE AND ODOR: GRAY

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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OSHA CATEGORY: FLAMMABLE LIQUID

FLASH POINT : 70F TCC LEL: 2.6 UEL: N/A

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.

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## SECTION V - HEALTH HAZARD DATA

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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/C with  
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 15  
minutes. Take to a physician for medical treatment.

INGESTION: Call a physician immediately.

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## SECTION VI - REACTIVITY DATA

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

## SECTION VII - SPILL OR LEAK PROCEDURES

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. 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.

WASTE DISPOSAL METHOD:

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 and pollution.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

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 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 eye 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: C-1968CAB GLYPTAL

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.