

POLYURETHANE 03GY219, COMPONENT A

MSDS Number

BHCGY

National Stock Number

8010-01-157-1034

Product Name

POLYURETHANE 03GY219, COMPONENT A

Manufacturer

DEFT INC

Product Identification

Product ID:POLYURETHANE 03GY219, COMPONENT A

MSDS Date:03/20/1989

FSC:8010

NIIN:01-157-1034

Kit Part:Y

MSDS Number: BHCGY

Responsible Party

DEFT, INC.

17451 VON KARMAN AVENUE

IRVINE , CA 92714

US

Emergency Phone: 714-474-0400

Info Phone: 714-474-0400

Cage: DO188

Contractor

DEFT, INC.

IRVINE, CA 92714

US

800-424-9300

Cage: DO188

Ingredients

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 20%.

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight:

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200STEL;9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 10%.

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ACETATE (SARA III)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 10%.

OSHA PEL400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

PMGE ACETATE (VP MM HG 3.8)

CAS: 108-65-6

RTECS: AI8925000

Fraction By Weight:

DIBUTYL TIN DILAUATE (AS TIN)

CAS: 77-58-7

RTECS: WH7000000

Fraction By Weight:

OSHA PELS, 0.1 MG/M3

ACGIH TLV: S, 0.1 MG/M3; 8990

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:VAPORS ARE IRRITATING TO EYES,NOSE AND THROAT.INHALATION MAY CAUSE HEADACHE,DIFFICULT BREATHING AND LOSS OF CONSCIOUSNESS. CHRONIC:PROLONGED CONTACT WILL CAUSE DRYING AND CRACKING OF THE SKIN, DUE TO DEFATTING ACTION.

SKIN SENSITIZATION, ASTHMA OR OTHER ALLERGIC RESPONSES MAY DEVELOP.

Effects of Overexposure:OVEREXPOSURE MAY CAUSE IRRITATION OF RESPIRATORY TRACT & ACUTE NERVOUS SYSTEM DEPRESSION,SKIN IRRITATION SUCH AS SWELLING,REDNESS & RASH.TEARING,REDNESS AND SWELLING OF THE EYES.MODERATE IRRITATION,DR YNESS & DEFATTING OF THE SKIN.IRRITATION & POSSIBLE CORROSIVE ACTION IN THE MOUTH,STOMACH TISSUE & DIGESTIVE TRACT.

Medical Cond Aggravated by Exposure:ASTHMA & ANY OTHER RESPIRATORY DISORDERS. SKIN ALLERGIES, ECZEMA, AND DERMATITIS. 2-ETHOXYETHYL

ACETATE MAY BE ABSORBED THRU THE SKIN, & HAS BEEN SHOWN TO BE A REPRO HEALTH HAZARD IN TEST ANIMALS.

First Aid

First Aid:INHALE-MOVE WHERE FREE FROM RISK OF FURTHER EXPOS.RESTORE BREATH.ASTHMATIC TYPE SYMP MAY DEVELOP & MAY BE IMMEDIATE OR DELAYED BY SEVERAL HOURS.OBTAIN MEDICAL ATTENTION.SKIN-REMOVE CONTAMINATED CLOTHING.WASH AFFECTED AREAS THOROUGHLY WITH SOAP & WATER.WASH CONTAMINATED CLOTHING THOROUGHLY BEFORE REUSE.EYES-FLUSH WITH CLEAN LUKEWARM WATER(LOW PRESSURE)AT LEAST 15 MINUTES.OCCASIONALLY LIFT EYELIDS.OBTAIN MEDICAL ATTENTION.INGEST-DO NOT INDUCE VOMITING.OBTAIN MEDICAL ATTENTION

Fire Fighting

Flash Point Method:TCC

Flash Point:23F/-5C

Lower Limits:1.5%

Extinguishing Media:FOAM,ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:EQUIP WITH SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING SHOULD BE WORN.WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP,AUTO IGNITION OR EXPLOSION.

Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED.ISOLATE FROM HEAT,SPARKS,ELECTRIC EQUIPMENT & OPEN FLAMES.CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.OVEREXPOSURE TO DECOMPOSITION PRODUCT-HIGHLY HAZARDOUS

Accidental Release

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL. REMOVE ALL SOURCES OF IGNITION (FLAME, SPARK SOURCES, HOT SURFACES). VENTILATE AREA. CONTAIN AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS.

Handling

Handling and Storage Precautions:BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106.AVOID STORING NEAR HIGH TEMPERATURES,FIRE,OPEN FLAMES & SPARK SOURCES.STORE IN TIGHTLY CLOSED CONTAINERS IN WELL VENTILATED AREA

Other Precautions:KEEP CONTAINER TIGHT & UPRIGHT TO PREVENT LEAK.PREVENT PROLONGED BREATHING OF VAPORS OR SPRAY MIST.AVOID CONTACT WITH SKIN & EYES.DO NOT TAKE INTERNALLY.DO NOT HANDLE UNTIL MATERIAL SAFETY PRECAUTIONS HAVE BEEN READ & UNDERSTOOD .PROLONGED OVEREXPOSURE MAY CAUSE ALLERGIC REACTION

Exposure Controls

Respiratory Protection:RESPIRATOR RECOMMENDED OR APPROVED FOR USE IN AN ORGANIC VAPOR ENVIRONMENT (AIR PURIFYING OR FRESH AIR SUPPLIED)IS NECESSARY.OBSERVE OSHA REGULATIONS FOR RESPIRATOR USE.VENTILATION SHOULD BE PROVIDED TO KEEP EXPOSURE LEVELS BELOW THE OSHA PERMISSIBLE LIMITS

Ventilation:EXHAUST VENT SUFFICIENT TO KEEP AIRBORNE CONCENTRATION OF SOLVENT VAPORS & MISTS BELOW THEIR RESPECTIVE TLVs MUST BE USED.

Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE GLOVES.

Eye Protection:SAFETY EYEWEAR INCLUDING SPLASH GUARDS.

Other Protective Equipment:LONG SLEEVE AND LONG LEG CLOTHING.

Work Hygienic Practices:WASH HANDS BEFORE EATING,SMOKING OR USING WASHROOM.SMOKE IN SMOKING AREAS ONLY.

Supplemental Safety and Health

(EYE PROTECTION) OR SIDE SHIELDS, CHEMICAL GOGGLES OR FACESHIELDS. (EFFECTS OF OVEREXPOSURE-INGESTION) VOMITING MAY CAUSE ASPIRATION OF THE SOLVENT, RESULTING IN CHEMICAL PNEUMONITIS.

Chemical Properties

Boiling Point:Boiling Point:169F - 313F

Vapor Density:>AIR

Evaporation Rate & Reference:2.41 X N-BUTYL ACETATE

Appearance and Odor:GRAY LIQUID WITH SOLVENT ODOR.

Percent Volatiles by Volume:58.3

Stability

Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, OR OPEN FLAMES.

Hazardous Decomposition Products:BY HIGH HEAT/TEMPERATURE: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:HIGH TEMPERATURES, SPARKS OR OPEN FLAMES.

Disposal

Waste Disposal Methods:DISPOSE OF IAW FEDERAL,STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE, DUE TO PRODUCT RESIDUE AND FLAMMABLE VAPOR.DO NOT INCINERATE CLOSED CONTAINERS.

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