

## **G/S E/S, 36118, 05GY244CAT**

### **MSDS Number**

BHBDC

### **National Stock Number**

8010-01-107-2187

### **Product Name**

G/S E/S, 36118, 05GY244CAT

### **Manufacturer**

DEFT INC

### **Product Identification**

Product ID:G/S E/S, 36118, 05GY244CAT

MSDS Date:03/05/1987

FSC:8010

NIIN:01-107-2187

Kit Part:Y

MSDS Number: BHBDC

### **Responsible Party**

DEFT, INC.

17451 VON KARMAN AVENUE

IRVINE , CA 92714

Emergency Phone: (714) 474-0400

Info Phone: (714) 474-0400

Preparer: N. GAUL

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: 15%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 15 - 20%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

ALIPHATIC POLYISOCYANATE  
CAS: 28182-81-2  
RTECS: NQ9170000  
Fraction By Weight: 35%

N-BUTYL ACETATE (SARA III)  
CAS: 123-86-4  
RTECS: AF7350000  
Fraction By Weight: 5%  
OSHA PEL150 PPM/200 STEL  
ACGIH TLV: 150 PPM/200STEL;9192  
EPA Report Quantity: 5000 LBS  
DOT Report Quantity: 5000 LBS

XYLENES (O-,M-,P- ISOMERS) (SARA III)  
CAS: 1330-20-7  
RTECS: ZE2100000  
Fraction By Weight: 5 - 10%  
OSHA PEL100 PPM/150 STEL  
ACGIH TLV: 100 PPM/150STEL;9192  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS: 78-93-3  
RTECS: EL6475000  
Fraction By Weight: 15%  
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: 15%  
OSHA PEL400 PPM  
ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: IRRITATION OF THE  
RESPIRATORY TRACT/NERVOUS SYSTEM  
DEPRESSION/HEADACHE/DIZZINESS/STAGGERING  
GAIT/CONFUSION/UNCONSCIOUSNESS/COMA. SKIN/EYES:  
IRRITATING/TEARING/REDNESS/SWELLING. INGESTION:  
IRRITATION/CORROSIVE ACTION IN THE MOUTH/STOMACH TISSUE/DIGESTIVE  
TRACT.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE  
MODERATE IRRITATION, DRYING & DEFATTING WHICH CAN CAUSE  
CRACKING/DERMATITIS. INHALATION: CAN IRRITATE THE MUCOUS MEMBRANES  
IN THE RESPIRATORY TRACT CAUSING R UNNY NOSE, SORE THROAT,  
COUGHING, CHESTDISCOMFORT, SHORTNESS OF BREATH & REDUCED LUNG  
FUNCTION.  
Medical Cond Aggravated by Exposure:ISOCYANATE SENSITIZATION, ASTHMA,  
DERMATITIS.

## First Aid

First Aid:INHALATION: MOVE TO AN AREA FREE FROM EXPOSURE. RESTORE  
BREATHING. SKIN: REMOVE CONTAMINATED CLOTHING/WASH BEFORE REUSE.  
WASH AFFECTED AREAS THOROUGHLY W/SOAP & WATER. EYES: FLUSH W/CLEAN,  
LUKEWARM WA TER FOR AT LEAST 15 MINS, OCCASIONALLY LIFTING EYELIDS.  
OBTAIN MED ATT. INGESTION: DON'T INDUCE VOMITING. DON'T GIVE  
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. OBTAIN MED ATT.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:23F  
Lower Limits:1.0%  
Upper Limits:11.5%  
Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER FOG  
Fire Fighting Procedures:WEAR SCBA & FULL PROTECTIVE CLOTHING. DURING A  
FIRE, HDL VAPORS & OTHER IRRITATING VAPORS MAY BE GENERATED BY  
COMBUSTION OR THERMAL DECOMPOSITION.  
Unusual Fire/Explosion Hazard:ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT,  
SPARKS, & OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED  
TO EXTREME HEAT. KEEP CONTAINERS TIGHTLY CLOSED.

## Accidental Release

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

## Handling

Handling and Storage Precautions:AVOID STORING NEAR HIGH  
TEMPERATURES/FIRE/OPEN FLAME/SPARK SOURCES. STORE IN TIGHTLY CLOSED  
CONTAINERS TO PREVENT MOISTURE CONTAMINATION.  
Other Precautions:DON'T RESEAL IF CONTAMINATION SUSPECTED. USE IN  
VENTILATED AREA. PREVENT PROLONGED/REPEATED BREATHING OF  
VAPORS/SPRAY MIST. IF MOISTURE ENTERS CONTAINERS, PRESSURE CAN  
BUILD UP DUE TO REACTION PRODUCI NG CO2/CAUSE SEALED CONTAINER TO  
BURST.

## Exposure Controls

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR  
USE IN ISOCYANATE CONTAINING ENVIROMENTS (AIR PURIFYING OR FRESH  
AIR SUPPLIED) IS NECESSARY.  
Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP THE AIRBORNE  
CONCENTRATIONS OF HDI & POLYISOCYANATES Protective Gloves:NEOPRENE, RUBBER, POLYETHYLENE  
Eye Protection:GOGGLES, FACE SHIELD

Other Protective Equipment:USE LONG SLEEVE & LONG LEG CLOTHING. REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

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

Supplemental Safety and Health

## Chemical Properties

HCC:F2

Boiling Pt:B.P. Text:171 - 313F

Vapor Density:>AIR

Spec Gravity:1.0

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, LIGHT AMBER COLOR WITH SOLVENT ODOR

## Stability

Stability Indicator/Materials to Avoid:YES

WATER, AMINES, STRONG BASES, ALCOHOLS, METAL COMPOUNDS & SURFACE ACTIVE MATERIALS

Stability Condition to Avoid:CONTACT W/MOISTURE, MATERIALS WHICH REACT W/ISOCYANATES, AND HIGH TEMPERATURES

Hazardous Decomposition Products:CO<sub>2</sub>, CO, OXIDES OF NITROGEN, TRACES OF HCN, HDI

## Disposal

Waste Disposal Methods:WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE & LOCAL ENVIROMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE & FLAMMABLE VAPOR. DON'T INCINER ATE CLOSED CONTAINERS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.