

G.C. AMERICA, INC. -- COE ADHESIVE -- 6520-01-056-7373

===== Product Identification =====

Product ID:COE ADHESIVE

MSDS Date:01/03/2000

FSC:6520

NIIN:01-056-7373

Status Code:A

Kit Part:Y

MSDS Number: CKNWN

=== Responsible Party ===

Company Name:G.C. AMERICA, INC.

Address:3737 WEST 127TH STREET

City:ALSIP

State:IL

ZIP:60803

Country:US

Info Phone Num:708-597-0900

Emergency Phone Num:708-597-0900

Resp

. Party Other MSDS Num.:MS329916

Preparer's Name:T. JORITZ

Chemtrec Ind/Phone:(800)424-9300

CAGE:TO727

=== Contractor Identification ===

Company Name:G.C. AMERICA, INC.

Address:3737 WEST 127TH STREET

Box:City:ALSIP

State:IL

ZIP:60803

Country:US

Phone:708-597-0900

Contract Num:SP0200-00-A-9549-D532

CAGE:TO727

===== Composition/Information on Ingredients =====

Ingred Name:ACETONE

CAS:67-64-1

RTECS #:AL3150000

Minumum % Wt:40.

Maxumum % Wt:50.

OSHA PEL:2400 MG/M3;1000 PPM

ACGIH

TLV:1780 MG/M3;750 PPM
ACGIH STEL:2380 MG/M3;1000 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE
CAS:108-88-3
RTECS #:XS5250000
Minumum % Wt:10.
Maxumum % Wt:20.
OSHA PEL:SEE TABLE Z-2
ACGIH TLV:188 MG/M3;50 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL METHYL KETONE
CAS:78-93-3
RTECS #:EL6475000
Minumum % Wt:10.
Maxumum % Wt:20.
OSHA PEL:590 MG/M3;200 PPM
ACGIH TLV:590 MG/M3;200 PPM
ACGIH STEL:885 MG/M3;300 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

In
gred Name:ACRYLONITRILE-BUTADIENE POLYMER
CAS:9003-18-3
Minumum % Wt:10.
Maxumum % Wt:20.

Ingred Name:PHENOL-FORMALDEHYDE POLYMER
CAS:9003-35-4
Minumum % Wt:1.
Maxumum % Wt:10.

Ingred Name:GLYCEROL ESTERS OF ROSIN ACIDS
CAS:8050-31-5
Minumum % Wt:1.
Maxumum % Wt:10.

Ingred Name:SALICYLIC ACID
CAS:69-72-7
RTECS #:VO0525000
Minumum % Wt:1.
Maxumum % Wt:10.
OSHA PEL:15 MG/M3
ACGIH TLV:15 ML/M3

Ingred Name:ZINC OXIDE
Minumum % Wt:1.
Maxumum % Wt:10.
ACGIH TLV:TWA= 10 MG/M3DUST
ACGIH STEL:10 MG/M

FUME

Ingred Name:ALKYLATED DIPHENYLAMINES

CAS:37338-62-8

RTECS #:AW9150000

< Wt:1.

===== Hazards Identification =====

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

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

Health Hazards Acute and Chronic:CONTACT WITH LIQUID OR OVEREXPOSURE TO VAPORS IS IRRITATING TO THE EYES. PROLONGED OR REPEATED SKIN CONTACT WILL DEFAT THE SKIN AND CAUSE IRRITATION AND POSSIBLE DERMATITIS. VAPOR INHAL

ATION MAY CAUSE RESPIRATORY IRRITATION AND TEMPERARY NERVOUS SYSTEM IMPAIRMENT (LIGHT HEADEDNESS). INGESTION MAY CAUSE DIGESTIVE SYSTEM IRRITATION AND NERVOUS SYSTEM IMPAIRMENT. MUTATION REFERENCES CITED, ANIMAL REP RODUCTIVE AFFECTS CITED.

Explanation of Carcinogenicity:NOT LISTED BY NTP, IARC, OSHA. IS NOTED BY CALIF PROP. 65.

Effects of Overexposure:REDNESS, SMARTING, TEARING, AND SWELLING OF THE EYES. SKIN MAY DRY AND CRACK. SYMPTOMS OF OVER INHALATION INCLUDE D

IZZINESS, HEADACHE, NAUSEA AND FATIGUE. REPEATED OR EXTREME OVEREXPOSURE TO VAPORS MA Y CAUSE HEART, LIVER, KIDNEY, BLOOD AND NERVOUS SYSTEM DAMAGE. INGESTION MAY CAUSE VOMITING AND DIARRHEA. SOLVENT ASPIRATION INTO THE LUNG DUE TO VOMITING MAY CAUSE LUNG DAMAGE, WHICH CAN BE HARMFUL O R FATAL.

Medical Cond Aggravated by Exposure:EXPOSURE TO ACETONE MAY ENHANCE THE LIVER TOXICITY OF CHLORINATED SOLVENTS.

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

F

irst Aid:INGESTION: DO NOT INDUCE VOMITING. IMMEDIATELY CALL A PHYSICIAN OR POISON CONTROL CENTER. INHALATION: FOR OVER INHALATION, MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, SEEK MEDICAL ATTENTION. SKIN: W ASH SKIN WITH SOAP AND WATER. IF IRRITATION DEVELOPS, SEEK MEDICAL ATTENTION. EYES: FLUSH EYES WITH WATER FOR 10 MINUTES. SEEK MEDICAL ATTENTION.

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

Flash Point:=17.8C, 64.F

Lower Limits:1.27

Upper Limi

ts:12.8

Extinguishing Media:CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:EXTREMELY FLAMMABLE. IF OVERHEATED,
CLOSED CONTAINERS ADJACENT TO FIRE COULD EXPLODE DUE TO INTERNAL
PRESSURE BUILDUP. TOLUENE VAPORS ARE HEAVIER THAN AIR AND MAY FLASH
BACK.

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

Spill Release Procedures:EXTINGUISH ALL IGNITION SOURCES. VENTILATE THE
AREA. CONTAIN THE SPILL. COVER WITH ABSORBENT MATERIALS AS NEEDED.
COLLECT THE SPILL USING NON-SPARKING TOOLS. PLACE IN A U.S.
DEPARTMENT OF TRANSPORTATION APPROVED METAL CONTAINER AND SEAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL PLACE, AWAY FROM HEAT
SOURCE AND DIRECT SUNLIGHT.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:REDUCE EXPOSURE IN ACCORDANCE WITH SAFE HYGIENE
PRACTICES. IF EXPOSURE LIMITS ARE EXCEEDED, USE MSHA-NIOSH APPROVED
RESPIRATOR FOR ORGANIC VAPORS.
Ventilation:USE LOCAL EXHAUST AS NEEDED.
Protective Gloves:USE DISPOSABLE GLOVES.
Eye Protection:WEAR FACE SHIELD OR GOGGLES.
Other Protective Equipment:MAINTAIN EYE WASH STATION.
Work Hygienic Practices:FOLLOW SAFE HYGIENE PRACTICES. AVOID CONTACT
WITH CLOTHING. MAY STAIN.
FOLLOW RECOMMENDED PROCEDURES TO AVOID
OVEREXPOSURE.
Supplemental Safety and Health
THIS ENTRY IS PART 1 OF A THREE PART KIT. SEE THIS SAME NSN
6520-01-056-7373, MFN 3, FOR DATA ON PARTS TWO AND THREE.

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

HCC:F2
Boiling Pt:=55.5C, 131.9F
B.P. Text:ACETONE
Melt/Freeze Pt:M.P/F.P Text:N/E
Vapor Pres:180
Vapor Density:2.0
Spec Gravity:0.88 (H2O=1)
Evaporation Rate & Reference:1.9 (BUTYL ACETATE=1)
Solubility in Water:

SLIGHT

Appearance and Odor:BROWN LIQUID - STRONG KETONE ODOR.

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

Stability Indicator/Materials to Avoid:YES

N/E

Stability Condition to Avoid:HIGH HEAT

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE
FORMALDEHYDE AND NITROGEN DECOMPOSITION PRODUCTS INCLUDING THE
POSSIBILITY OF HCN.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Was

te Disposal Methods:INCINERATE ABSORBED AND BULK PRODUCT AFTER
MIXING WITH FLAMMABLE MATERIAL IN A LICENSED HAZARDOUS WASTE
FACILITY. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE
REGULATIONS: US HAZARDOUS WASTE NO. D 001 (IGNITABLE).

===== Regulatory Information =====

State Regulatory Information:CALIFORNIA PROP 65 WARNINGL THIS PRODUCT
CONTAINS TOLUENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO
CAUSE BIRTH DEFECTS OR OTHER REPRODU
CTIVE HARM.

===== Other Information =====

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 r
esponsibility for the suitability of this information to their
particular situation.