

GC ELECTRONICS -- 10-304 SERVICE CEMENT -- 8040-00-968-4838

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

Product ID:10-304 SERVICE CEMENT

MSDS Date:01/01/1987

FSC:8040

NIIN:00-968-4838

MSDS Number: BFZZM

=== Responsible Party ===

Company Name:GC ELECTRONICS

Address:1801 MORGAN ST

Box:1209

City:ROCKFORD

State:IL

ZIP:61105-1209

Country:US

Info Phone Num:815-968-9661

Emergency Phone Num:815-968-9661

CAGE:4886

2

=== Contractor Identification ===

Company Name:GC ELECTRONICS

Address:1801 MORGAN ST

Box:1209

City:ROCKFORD

State:IL

ZIP:61105-1209

Country:US

Phone:815-968-9661

CAGE:48862

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

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 15%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fractio

n by Wt: 15%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:ETHYL ACETATE (SARA III)
CAS:141-78-6
RTECS #:AH5425000
Fraction by Wt: 30%
OSHA PEL:400 PPM
ACGIH TLV:400 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5%
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACETONE (SARA III)
CAS:67-64-1
RTECS #:AL3150000
Frac
tion by Wt: 10%
OSHA PEL:1000PPM
ACGIH TLV:750PPM/1000STEL;9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Effects of Overexposure:PRLNG/RPTD INHALATION ABOVE TLV OR LIQ SKIN
CONTACT MAY CAUSE NERVOUS SYS,BLOOD,KIDNEY (SEE SUPP DAT

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

First Aid:EYES:FLUSH W/WATER 15 MIN. SEE MD. SKIN:WASH W/SOAP & WATER.
CONSULT MD IF IRRITATION PERSISTS. INHALATION:FR

ESH AIR. SUPPORT

BREATHING,GIVE O*2/ARTIFICIAL RESPIRATION. CONSULT MD.

INGESTION:CALL MD ().

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

Flash Point:24F,-4.4C (CC)

Lower Limits:1.2

Upper Limits:12.8

Extinguishing Media:CO*2,WATER FOG,FOAM,DRY CHEMICAL

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE GEAR .

Unusual Fire/Explosion Hazard:HAZARDOUS WHEN EXPOSED TO HEAT OR FLAME.

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

=====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. ABSORB W/INERT
MATERIAL. STORE IN SEALED METAL CONTAINERS.

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

Handling and Storage Precautions:STORE COOL,DRY,AWAY FROM IGNITION
SOURCES. KEEP CONTAINERS TIGHTLY CLOSED. AVOID INHALATION OF VAPORS
& PERSONAL CONTACT W/LIQUID.

Other Precautions:PRIMARY ROUTES OF ENTRY:INHALATION,SKIN
CONTACT,INGESTION. VAPOR PRESSURE,VAPOR DENSITY:N/E=NOT
EST

ABLISHED. DATE OF PREP:10/27/86.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN.

Ventilation:LOCAL EXHAUST PREFERRED;GENERAL MECHANICAL ACCEPTED

Protective Gloves:IMPERVIOUS (FPN

Eye Protection:CHEMICAL WORKERS GOGGLES

Other Protective Equipment:CLOTHING AS REQUIRED TO AVOID SKIN CONTACT.

Supplemental Safety and Health

HAZ INGRED:NITROCELLULOSE,CAS#:9004-70-0,25%. EFFECTS OF

O

VEREXP:DAMAGE.HEADACHE,LETHARGY,DROWSINESS,DIFFICULTY
WALKING,NAUSEA,WEIGHT LOSS MAY RESULT.VAPOR IRRIT
EYES,NOSE,THROAT.LIQ IRRIT EYE

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

HCC:F2

Boiling Pt:B.P. Text:132F,55.6C

Vapor Pres:N/E

Vapor Density:N/E

Spec Gravity:0.975

Solubility in Water:NOT SOLUBLE

Appearance and Odor:CLEAR VISCOUS LIQUID - SOLVENTS ODOR

Percent Volatiles by Volume:79.4

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

Sta

bility Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS,STRONG ACIDS,STRONG BASES

Stability Condition to Avoid:HEAT,SPARKS,FLAME,SOURCES OF IGNITION

Hazardous Decomposition Products:CO*2,CO,DENSE TOXIC SMOKE

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

Waste Disposal Methods:LICENSED RECLAIMER OR INCINERATOR. WASTE
DISPOSAL MUST BE IN ACCORDANCE W/FEDERAL,STATE & LOCAL REGULATIONS

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.