

AKZO COATINGS INC., AEROSPACE FINISHES DIV -- TL 102 (MIL-T-81772A) -- 8010-00-280-1751

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

Product ID:TL 102 (MIL-T-81772A)

MSDS Date:11/01/1985

FSC:8010

NIIN:00-280-1751

MSDS Number: BDSKZ

=== Responsible Party ===

Company Name:AKZO COATINGS INC., AEROSPACE FINISHES DIV

Address:434 W. MEAT ST.

City:ORANGE

State:CA

ZIP:92661

Country:US

Info Phone Num:213-433-4996

Emergency Phone Num:213-433-4996

Preparer's Name:LEE A. DICKINSON

CAGE:98502

=== Contractor Identification ===

Company Name:AKZO COATINGS INC

Address:434 W. MEATS STREET

Box:City:ORANGE

State:CA

ZIP:92661

Country:US

Phone:714-637-1750; CHEMTREC 800-424-9300

CAGE:98502

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

Ingred Name:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS:111-15-9

RTECS #:KK8225000

Fraction by Wt: 39-41%

Other REC Limits:N/K

OSHA PEL:S,100 PPM

ACGIH TLV:S, 5 PPM; 9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANON

E) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 29-31%
Other REC Limits:N/K
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 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: 9-11%
Other REC Limits:N/K
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 8-12%
Other
r REC Limits:N/K
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 6-10%
Other REC Limits:N/K
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:N/K
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acu

te and Chronic:NIOSH STUDIES INDICATE THAT RELATED
GLYCOL ETHERS CAUSED REPRODUCTIVE DISORDERS IN LABORATORY ANIMALS
(RAT,MICE) AND MAY HAVE POTENTIAL FOR CAUSING SIMILAR DISORDERS IN
HUMANS .

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHAL:IRRIT TO

NOSE,THROAT.EYE:IRRIT.INGEST:HEADACHE,NAUSEA,DIZZINESS.SKIN:HARMFUL
IF ABSORBED.MAY CAUSE DERMATITIS.

Medical Cond Aggravated by Exposure:N/K

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

First Aid:INHAL:REMOVE TO FRESH AIR.ADMIN OXYGEN.CALL MD.EYES:FLUSH
WITH WATER FOR AT LEAST 15 MIN.CALL MD.SKIN:REMOVE CONTAM
CLOTHING,WASH WITH WATER FOR AT LEAST 15 MIN.CALL MD.WASH CONTAM
CLOTHING BEFORE REU SE.INGEST:CONSULT PHYSICIAN AT ONCE.DO NOT
INDUCE VOMITING.

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

Flash Point Method:TCC

Flash Point:23F,-5C

Lower Limits:1.0

Upper Limits:N/K

Extinguishing Media:FOAM,CARBON DIOXIDE,DRY CHEMICALS.USE H*2O
ONLY TO

COOL SURF&PROTECT PERS.EXCLUDE AIR. STEAM&/OR H*2O SPRAY MAY BE
USED.

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT .USE WATER SPRAY ONLY TO COOL SURFACE &
PROTECT PERSONNEL.EXCLUDE AIR.

Unusual Fire/Explosion Hazard:VAPOR FORMS EXPLOSIVE MIXTURE WITH AIR
BETWEEN UPPER & LOWER EXPLOSION LIMITS.UNOPENED CNTNRS MAY RUPTURE
WHEN HOT.CARBON MONOXIDE AND DIOXIDE MAY BE EMITTED.

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

Spill Release Procedures:ELIMINATE SOURCE OF IGNITION.VENTILATE
AREA.PREVENT FROM ENTERING SEWERS OR DRAINS.CONTAIN SPILLS WITH
SAWDUST OR OTHER ABSORBANT.CLEAN AREA.

Neutralizing Agent:N/K

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

Handling and Storage Precautions:KEEP CONTAINERS CLOSED WHEN NOT IN
USE.DO NOT HANDLE OR STORE NEAR FLAMES,HEAT,STRONG OXIDANTS.USE
ADEQUATE VENTILATION.

Other Precautions:EMPTY CONTR MAY BE HAZARDOUS.FUMES

ARE EXTREMELY
FLAMMABLE.EQUIP SHOULD BE ELECTRICALLY GROUNDED.DO NOT WELD EMPTY
CONTAINERS.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN .AIR SUPPLIED SELF-CONTAINED RESPIRATOR IN
CONFINED AREA.

Ventilation:ADEQUATE TO KEEP CONCENTRATIONS BELOW TLVS.EXPLOSION PROOF
VENTILATION EQUIPMENT.

Protective Gloves:CHEMICALLY RESISTANT GLOVES.

Eye Protection:CHEM WORK GOG
,FACESHLD OPTIONAL .

Other Protective Equipment:LONG SLEEVES,PROTECTIVE APRON.EYE BATH &
SAFETY SHOWER.

Work Hygienic Practices:N/K

Supplemental Safety and Health
N/K

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

HCC:F2

Boiling Pt:B.P. Text:176-321F

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor Pres:2-70 MMHG

Vapor Density:>1 (AIR=1)

Spec Gravity:0.89 (H*2O=1)

Evaporation Rate & Reference:>1 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance

and Odor:CLEAR,SOLVENT ODOR.

Percent Volatiles by Volume:100

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

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

Stability Condition to Avoid:STORAGE AT HIGH TEMPERATURE,SPARKS,AND
OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND DIOXIDE.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH
FEDERAL,STATE AND

LOCAL REGULATIONS .TREAT AS HAZARDOUS WASTE.

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