

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

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Product Identification  
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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

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mergency 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

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Composition/Information on Ingredients  
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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

ACG

IH TLV:S, 5 PPM; 9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (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 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

Report

s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute 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

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===== 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.

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===== 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

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===== 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 &a

mp; Reference:>1 (ETHER=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR,SOLVENT ODOR.

Percent Volatiles by Volume:100

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===== 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.

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

Waste Disposal M

Methods: DISPOSAL MUST BE IN ACCORDANCE WITH  
FEDERAL, STATE AND LOCAL REGULATIONS .TREAT AS HAZARDOUS WASTE.

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