

X-361,X-363;COMPONENT TWO,MIL-C-83286B

MSDS Number

BCRQJ

National Stock Number

8010-00N009125

Product Name

X-361,X-363;COMPONENT TWO,MIL-C-83286B

Manufacturer

SIKKENS AEROSPACE FINISHES DIV (AKZO COATINGS)

Product Identification

Product ID:X-361,X-363;COMPONENT TWO,MIL-C-83286B

MSDS Date:11/01/1985

FSC:8010

NIIN:00N009125

MSDS Number: BCRQJ

Responsible Party

SIKKENS AEROSPACE FINISHES DIV. (AKZO COATINGS)

20846 SOUTH NORMANDIE AVENUE

TORRANCE , CA 90502

Emergency Phone: 213-320-6800

Info Phone: 213-320-6800

Preparer: LEE A. DICKINSON

Cage: 00274

Contractor

SIKKENS AEROSPACE FINISHES DIVISION

TORRANCE, CA 90502

US

(213) 320-6800

Cage: 00274

Ingredients

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 10-15%

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: 10-15%

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS: 822-06-0

RTECS: MO1740000

Fraction By Weight:

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

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

2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)

CAS: 111-15-9

RTECS: KK8225000

Fraction By Weight: 10-15%

OSHA PELS,100 PPM

ACGIH TLV: S, 5 PPM; 9192

ETHYL ACETATE (SARA III)

CAS: 141-78-6

RTECS: AH5425000

Fraction By Weight: 15-35%

OSHA PEL400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

LD50 LC50 Mixture:N/K

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

Health Hazards Acute and Chronic:INH,INGEST OR ABSORBANCE THROUGH SKIN:MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INH:RESPIRATORY TRACT

IRRITATION, HEADACHE, NAUSEA & DIZZINESS. MAY CAUSE ALLERGIC REACTION. SKIN: IRRITATION, ALLERGIC REACTION. SKIN: IRRITATION, ALLERGIC REACTION, DEMATITIS. HARMFUL IF ABSORBED THROUGH SKIN. EYES: IRRITATION.

Medical Cond Aggravated by Exposure: ASTHMATIC TYPE CONDITION CHRONIC BRONCHITIS, RESPIRATORY DISEASE, SKIN SENSITIZATION, ECZEMA OR PRIOR REACTION.

First Aid

First Aid: INHAL: REMOVE TO FRESH AIR. GIVE O₂. CONSULT PHYS. EYES: FLUSH W/ H₂O FOR A MINIMUM OF 15 MINUTES. CONSULT PHYS. SKIN: FLUSH IMMEDIATELY W/ WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. CONSULT PHYS. WASH CONTAM CLOTHING BEFORE REUSE. INGEST: CONSULT PHYS AT ONCE. DO NOT INDUCE VOMITING.

Fire Fighting

Flash Point Method: TCC

Flash Point: 23F, -5C

Lower Limits: 1.0

Upper Limits: N/K

Extinguishing Media: FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROT EQUIP. USE H₂O SPRAY ONLY TO COOL SURFACE & PROTECT PERSONNEL. EXCLUDE AIR. STEAM &/OR H₂O FOG MAY BE USED.

Unusual Fire/Explosion Hazard: OXIDES OF C & N AND TRACES OF HCN & HDI ARE EMITTED. DO NOT USE WATER. VAPOR FORMS EXPLOS MIXTURE W/ AIR BETWEEN LEL & UEL. UNOPENED CNTNRS MAY RUPTURE WHEN HOT.

Accidental Release

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

Neutralizing Agent: N/K

Handling

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

Other Precautions: EMPTY CONTAINERS MAY BE HAZARDOUS. FUMES ARE EXTREMELY FLAMMABLE. ALL EQUIPMENT SHOULD BE ELECTRICALLY GROUNDED. DO NOT WELD EMPTY CONTAINERS.

Exposure Controls

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

Ventilation: SUFFICIENT TO KEEP CONCENTRATION BELOW TLVS & EXPLOSION PROOF.

Protective Gloves: CHEMICALLY RESISTANT.

Eye Protection: CHEM WORK GOGG, FACESHLD OPTIONAL.

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

Work Hygienic Practices: WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

N/K

Chemical Properties

Boiling Pt: B.P. Text: 171-259F

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

Decomp Temp: Decomp Text: N/K

Vapor Pres: 2-100 MMHG

Vapor Density: > 1

Spec Gravity: 0.97 (WATER=1)

Evaporation Rate & Reference: ETHER

Solubility in Water: INSOLUBLE

Appearance and Odor: MODERATE KETONE-SLIGHTLY FRUITY ODOR. TRANSPARENT AMBER CAST.

Percent Volatiles by Volume:63

Stability

Stability Indicator/Materials to Avoid:YES

WATER,ALCOHOL,AMINES,STRONG BASES,METAL CMPDS OR SURFACE ACTIVE MATLS.

Stability Condition to Avoid:STORAGE AT HIGH TEMPERATURE,CONTACT W/

MOISTURE,PROXIMITY TO SPARKS OR OPEN FLAMES.

Hazardous Decomposition Products:OXIDES OF CARBON & NITROGEN,TRACES OF

HCN & HDI.

Disposal

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE W/ FEDERAL,STATE

& LOCAL REGULATIONS .TREAT AS A HAZARDOUS WASTE.

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