

AKZO COATINGS INC., AEROSPACE FINISHES DIV -- ULTRA COAT GLOSS WHITE BASE COMP A --
8010-01-293-1369

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

Product ID:ULTRA COAT GLOSS WHITE BASE COMP A

MSDS Date:10/11/1990

FSC:8010

NIIN:01-293-1369

Kit Part:Y

MSDS Number: BJMKZ

=== Responsible Party ===

Company Name:AKZO COATINGS INC., AEROSPACE FINISHES DIV

Address:434 W. MEATS AVE

City:ORANGE

State:CA

ZIP:92665

Co

Country:US

Info Phone Num:313-637-0400

Emergency Phone Num:800-424-9300

Preparer's Name:CHARLES L. GRUBBS

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:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 5-20%

Other REC Limits:NONE SPECIFI

ED
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:CYCLOHEXANONE (SARA III)
CAS:108-94-1
RTECS #:GW1050000
Fraction by Wt: 5-20%
Other REC Limits:* (SKIN)
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOAMYL KETONE
CAS:110-12-3
RTECS #:MP3850000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM; 9293

Ingred Name:SILICA GEL (AMORPHOUS
SILICA)
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 30-45%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:IRRITATION OF NASAL, RESPIRATORY,
SKIN, EYES, THROAT & GASTROINTESTINAL TRACT; ALSO DERMATITIS,
CHEMICAL PNEUMONITIS, DEPRESSANT FOR CENTRAL NERVOUS SYSTEM, DAMAGE
TO LIVER, KIDNEYS, & LUNGS. CAN BE MODERATELY TOXIC IF SWALLOWED.
OVEREXPOSURE CAN CAUSE LIVER

ABNORMALITIES. CAN BE HARMFUL OR
FATAL.

Effects of Overexposure:IRRITATION, DIZZINESS, WEAKNESS, FATIGUE,
NAUSEA, VOMITING, HEADACHES, ASPHYXIATION, DIARRHEA, SKIN & EYE
BURNS, COUGHING.

Medical Cond Aggravated by Exposure:REPORTS HAVE ASSOCIATED REPEATED
AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT
BRAIN AND NERVOUS SYSTEM DAMAGE.

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===== First Aid Measures =====
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First Aid:INHALATION: MOVE TO FRESH AIR. GIVE CPR
IF NECESSARY. SKIN

CONTACT: WASH WITH SOAP & WATER. EYE CONTACT: FLUSH WITH WATER FOR
AT LEAST 15 MINUTES, CONSULT PHYSICIAN. INGESTION: DRINK ONE OR TWO
GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT
PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT
SYMPTOMATICALLY.

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===== Fire Fighting Measures =====
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Flash Point Method:TCC

Flash Point:40F/4C

Lower Limits:1.1

Extinguishing Media:FOAM, CARBON MONOXIDE, DRY CHEMICALS

Fire Fighting

Procedures:WATER MAY BE INEFFECTIVE. WATER SHOULD BE USED
TO COOL CONTAINERS EXPOSED TO FIRE. FIRE FIGHTING PERSONNEL SHOULD
WEAR SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DECOMP PRODUCTS MAY CAUSE HEALTH HAZ.
SYMPTOMS MAY NOT BE IMMEDIATELY SEEN. OBTAIN MEDICAL ATTENTION. KEEP
CONTAINERS CLOSED & AWAY FROM HEAT/ELECTRICITY/FLAME; MAY EXPLODE.

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===== Accidental Release Measures =====
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION

ITION. AVOID

BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT.

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

Handling and Storage Precautions:STORE CONTAINERS OUT OF SUN & AWAY FROM HEAT/SPARKS/FLAMES. CLOSE CONTAINERS AFTER EACH USE. CONSULT NFPA CODE FOR ADDITIONAL STORAGE REQUIREMENTS.

Other Precautions:USE APPROVED BONDING & GROUNDING PROCEDURES. OBSERVE LABEL PRECAUTIONS. KEEP CLOSURES TIGHT & CONTAINER UPRIGHT TO PREVENT LEAKS. NEVER

USE PRESSURE TO EMPTY - DRUM IS NOT A PRESSURE VESSEL. DO NOT WE LD OR FLAME CUT ON EMPTY DRUM.

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

Respiratory Protection:ADEQUATE VENTILATION IS REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR DEVICE. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIRLINE RESPIRATOR OR HOOD. SEE SAFETY EQUIPMENT SUPPLIER FOR EVALUATION & RECOMM ENDATION.

Ventilation:PROVIDE SUFFICIENT VENTILATION TO CONTROL CONCENTRATE OF HAZARDOUS INGREDIENTS.**

Protective Gloves:REFER TO SAFETY EQUIPMENT SUPPLIER

Eye Protection:SAFETY EYEWEAR

Other Protective Equipment:USE CHEMICAL RESISTANT APRON

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM. USE EYE BATH, SHOWER, CHEMICAL RESISTANT APRON, BOOTS, AND SHOES.

Supplemental Safety and Health

** FOR BAKING FINISHES, EXHAUST VAPORS EMITTED ON HEATING. REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED WITH THIS

PRODUCT. DO NOT USE THIS PRODUCT UNTIL THE MANUFACTURER'S SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

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

Boiling Pt:B.P. Text:230 TO 312F

Vapor Density:> THAN AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:33.2

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

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON

DIOXIDE,
SMOKE, OXIDES OF NITROGEN.

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

Waste Disposal Methods:INCINERATE IN APPROVED FACILITY. DO NOT
INCINERATE CLOSED CONTAINERS. DISPOSE OF IN ACCORDANCE WITH
FEDERAL, STATE, AND LOCAL POLLUTION CONTROL REQUIREMENTS.

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