

AKZO COATINGS INC., AEROSPACE FINISHES DIV -- ULTRACOAT SEMI-GLOSS GRAY BASE COMP
A -- 8010-01-293-3017

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Product Identification
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Product ID:ULTRACOAT SEMI-GLOSS GRAY BASE COMP A
MSDS Date:09/06/1990
FSC:8010
NIIN:01-293-3017
Kit Part:Y
MSDS Number: BJMLF
=== Responsible Party ===
Company Name:AKZO COATINGS INC., AEROSPACE FINISHES DIV
Address:434 W. MEATS AVE
City:ORANGE
State:CA
ZIP:92
665
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

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Composition/Information on Ingredients
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Ingred Name:N-BUTYL ACETATE (SARA III)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: < 5%
Other REC Limits:NONE SP

ECIFIED
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%
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 ISOBUTYL KETONE (SARA III)
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: < 5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA
Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:HEXYL ACETATE (ESTER SOLVENT) (VP 5.0 MM)
CAS:88230-35-7
RTECS #:AI0875000
Fraction by Wt: 5-20%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:50 PPM

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: 45-60%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;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:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 5-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:IRRITATION OF NASAL, RESPIRATORY,
SKIN, EYES, THROAT & GASTRO
INTESTINAL TRACT; ALSO DERMATITIS,
CHEMICAL PNEUMONITIS, DEPRESSANT FOR CENTRAL NERVOUS SYSTEM, AND
DAMAGE TO LIVER, KIDNEYS, AND LUNGS. INTENTIONAL MISUSE BY
DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL
OR FATAL.
Explanation of Carcinogenicity:CRYSTALLINE SILICA IS LISTED BY IARC AS
A PROBABLE HUMAN CARCINOGEN.
Effects of Overexposure:IRRITATION, DIZZINESS, WEAKNESS, FATIGUE,
NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, ASPHYXIATION, VOMITING,
DI
ARRHEA, SKIN AND EYE BURNS FROM OVEREXPOSURE.
Medical Cond Aggravated by Exposure:REPORTS HAVE ASSOCIATED REPEATED
AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT
BRAIN AND NERVOUS SYSTEM DAMAGE.

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

First Aid:INHALATION: MOVE TO FRESH AIR. GIVE CPR IF NECESSARY. SKIN
CONTACT: WASH WITH SOAP AND WATER. EYE CONTACT: FLUSH WITH WATER
FOR AT LEAST 15 MINUTES, CONSULT PHYSICIAN. INGESTION: DRINK ONE
OR
TWO GLAS SES OF WATER TO DILUTE, DO NOT INDUCE VOMITING. CONSULT
PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT
SYMPTOMATICALLY.

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

Flash Point Method:TCC
Flash Point:40F/4C
Lower Limits:1.0
Extinguishing Media:USE FOAM, CARBON DIOXIDE, 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-C

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.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. AVOID
BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT.

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

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Handling and Storage Precautions:STORE CONTAINERS OUT OF SUN & AWAY
FROM HEAT/SPARKS/OPEN FLAME. 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 LEAKAGE. NEVER USE PRESSURE TO EMPTY - DRUM IS NOT A
PRESSURE VESSEL. DO NOT WELD OR FLAME CUT AN EMPTY DRUM.

===== 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 & RECOMMENDATION.

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

Protective Gloves:REFER TO SAFETY EQUIPMENT SUPPLIER

Eye Protection:SAFETY EYEWEAR

Other Protective Equipment:USE CHEMICAL RESISTANT
T 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.

===== Physical

/Chemical Properties =====

Boiling Pt:B.P. Text:241 TO 349F

Vapor Density:> THAN AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:35.7

===== 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

AN APPROVED FACILITY. DO NOT

INCINERATE CLOSED CONTAINERS. DISPOSE OF IN ACCORDANCE WITH
FEDERAL, STATE, AND LOCAL POLLUTION CONTROL REQUIREMENTS.

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