

AKZO COATINGS INC.,AEROSPACE FINISHES DIV. -- X-306 CATALYST (FOR 463-6-3 OR 463-6-5) --
8010-00-139-4367

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

Product ID:X-306 CATALYST (FOR 463-6-3 OR 463-6-5)

MSDS Date:10/31/1988

FSC:8010

NIIN:00-139-4367

Kit Part:Y

MSDS Number: BDBLF

=== Responsible Party ===

Company Name:AKZO COATINGS INC.,AEROSPACE FINISHES DIV.

Address:434 WEST MEATS AVE.

City:ORANGE

State:CA

ZIP:92665

Country:US

Info Phone Num:714-637-1750

Emergency Phone Num:313-589-3660 AFTER HRS 313-855-7313

Preparer's Name:ILLEGIBLE SIGNATURE

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:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by

Wt: 40-55%
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 40-55%
OSHA PEL:100 PPM/150 STEL
ACGIH TLV:100 PPM/150STEL;9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ALIPHATIC POLYISOCYANATE RESIN
CAS:28182-81-2
RTECS #:NQ9170000
Fraction by Wt: 70-85%
ACGIH TLV:1.0MG/M3 (BY MFR)

Ingred Name:BUTYL ACETATE (ESTER SOLVENT)
CAS:123-86-4
RTECS #:AJ7350000
Fraction by Wt: 10-25%
OS
HA PEL:150PPM
ACGIH TLV:150PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:PRODUCTS ACUTE EFFECTS ARE
IRRITATION,POSSIBLE ASPHIXIATION. CHRONIC OVEREXPOSURES MAY PRODUCE
BRAIN & CENTRAL NERVOUS SYSTEM DAMAGE KNOWN AS PAINTERS SYNDROME
AND/OR LIVER,KIDNEY,BLOOD DISORDERS.

Explanation of Carcinogenicity:NOT LISTED
Effects of Overexposure:EYE:BURNING,IRRITATION. SKIN:DEFATTING,DRYING.
INHALED:RESPIRATORY IRRITATION,DIZZINESS,FATIGUE,NAUSEA.
INGESTED:G/I IRRITATION,NAUSEA,VOMITING,DIARRHEA
Medical Cond Aggravated by Exposure:NONE REPORTED.

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

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:WASH WITH SOAP & WATER.
INHALED:REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN
AS NEEDED. IN

GESTED:DO NOT INDUCE VOMITING. GIVE LARGE QUANTITY OF MILK OR WATER.(NOTHING BY MOUTH IF UNCONSCIOUS.)GET IMMEDIATE MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET PROMPT MEDICAL CARE.

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

Flash Point Method:TCC

Flash Point:53F/12C

Lower Limits:1.0

Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,FOAM.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS.USE WATER TO COOL FIRE EXPOSED CONTAINERS. WATER MAY BE INEFFECTIVE IN FIGHTING FIRE.

Unusual Fire/Explosion Hazard:CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES,VENTILATE AREA. REMOVE WITH INERT ABSORBENT.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED AREA. STORE AWAY FROM

FROM DIRECT SUN AND IGNITION SOURCES.

Other Precautions:APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.USE APPROVED BONDING & GROUNDING PROCEDURES.DO NOT TAKE INTERNALLY.AVOID BREATHING VAPORS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR EQUIPPED WITH CARTRIDGE FOR ORGANIC VAPORS/MISTS OR SUPPLIED AIR RESPIRATOR IF EXPOSED ABOVE TLV/PEL.

Ventilation:USE NORMAL ROOM VENTILATION PLUS ANY LOCAL EXHAUST

NECESSARY TO MAINTAIN EXPOSURE BELOW TLV/PEL.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES.

Other Protective Equipment:SAFETY SHOWER/EYE WASH. APRON,BOOTS NECESSARY TO AVOID FREQUENT OR PROLONGED CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID ALL UNNECESSARY CONTACT.

Supplemental Safety and Health

FORMULA DATE 02MAY88. MFR'S IPL NO. 20001.

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

HC

C:F2

Boiling Pt:=82.2C, 180.F

B.P. Text:180-498F

Vapor Density: