

## **CATALYST FOR 453-4-SERIES**

### **MSDS Number**

BMQNX

### **National Stock Number**

8010-01-212-1710

### **Product Name**

CATALYST FOR 453-4-SERIES

### **Manufacturer**

AKZO COATINGS INC AEROSPACE FINISHES DIV

### **Product Identification**

Product ID: CATALYST FOR 453-4-SERIES

MSDS Date: 01/16/1991

FSC: 8010

NIIN: 01-212-1710

Kit Part: Y

MSDS Number: BMQNX

### **Responsible Party**

AKZO COATINGS INC., AEROSPACE FINISHES DIV

434 W. MEATS AVE.

ORANGE , CA 92665

US

Emergency Phone: 714-632-1750/ 313-855-7313

Info Phone: 714-637-1750

Preparer: CHARLES L. GRUBBS

Cage: 98502

### **Contractor**

AKZO COATINGS INC

ORANGE, CA 92661

US

714-637-1750; CHEMTREC 800-424-9300

Cage: 98502

### **Ingredients**

BUTYL ACETATE ESTER SOLVENT (VAPOR PRESSURE 8.0 MM HG)

CAS: 123-86-4

RTECS: AF7350000

Fraction By Weight: 15-30%

OSHA PEL150 PPM; 710 MG/M3

ACGIH TLV: 150 PPM; 713 MG/M3

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

2-BUTOXYETHANOL BUTYL CELLOSOLVE (VAPOR PRESSURE .6 MM HG)

CAS: 111-76-2

RTECS: KJ8575000

Fraction By Weight: 5-20%

OSHA PELs, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

N-BUTYL ALCOHOL N-BUTANOL (VAPOR PRESSURE 4.4 MM HG)

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 15-30%

OSHA PEL100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPYL ALCOHOL ISOPROPANOL (SARA 313) (VAPOR PRESSURE 33

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 10-25%

OSHA PEL400 PPM; 980 MG/M3

ACGIH TLV: 400 PPM;985 MG/M3

METHYL ETHYL KETONE MEK (SARA 313) (VAPOR PRESSURE 70.0 MM

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 20-35%

OSHA PEL200 PPM; 590 MG/M3

ACGIH TLV: 200 PPM; 590 MG/M3

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

631 G/L

RTECS: 9999999VO

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: INHALE: NASAL/RSPRTRY

IRRITATE/DIZZY/WEAK/FATIGUE/NAUSEA/HEADACHE/UNCONSCIOUS/ASPHYXIATIO

N. EYE: SEVERE IRRITATE/RED/TEAR/BLURRED VISION/SENSATION OF SEEING

HALOS AROUND LIGHTS. SKIN: EXTRACTIO N OF NATURAL OILS-MILD

IRRITATE. INGEST: GASTROINTESTINAL IRRITATE/NAUSEA/DIARRHEA.

ASPIRATION-CHEMICAL PNEUMONITIS.\*\*

Effects of Overexposure:SKIN: PROLONG/REPEATED CONTACT-DERMATITIS. EYE:

EYE BURNS/CORNEAL INJURY. INHALE:

IRRITATE/COUGHING/HEADACHE/NAUSEA/VOMITING. INGEST: MODERATELY

TOXIC-HEADACHE/NAUSEA/VOMITING/WEAKNESS. SKIN ABSORPTIO N:

FREQ/WIDE SPREAD CONTACT-INJURY-KIDNEYS/LIVER/BLOOD/BONE MARROW.

Medical Cond Aggravated by Exposure:\*\*CHRONIC: DAMAGE TO BLOOD/EYE

DAMAGE/LUNG DAMAGE/LIVER ABNORMALITIES.

## First Aid

First Aid:INHALATION: MOVE TO FRESH AIR. ARTIFICIAL RESPIRATION IF NEEDED. SKIN: WASH WITH SOAP AND WATER. EYE: FLUSH WITH WATER 15 MIN. CONSULT PHYSICIAN. INGESTION: 1 OR 2 GLASSES OF WATER TO DILUTE. DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

## Fire Fighting

Flash Point Method:TCC

Flash Point:23.0F,-5.0C

Lower Limits:1.1

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL,

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:CNTNRS TIGHT CLOSED. NO HEAT/SPARKS/ELEC EQUIP/OPEN FLAME. CLOSED CNTNRS-EXPLODE-EXTREME HEAT. APPLIC TO HOT SRFCS-SPEC PRECAU. OVEREXPOS TO DECOMP PRODUCTS\*

## Accidental Release

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

## Handling

Handling and Storage Precautions:STORE CONTAINERS OUT OF SUN/AWAY FROM HEAT/SPARKS/OPEN FLAMES. CLOSE CONTAINERS AFTER EACH USE. CONSULT N.F.P.A. CODE FOR ADDITIONAL REQUIREMENTS.

Other Precautions:APPROVED BOND/GROUND PROCEDURES. OBSERVE LABEL PRECAUTIONS. KEEP TIGHT/UPRIGHT PREVENT LEAKAGE. NEVER USE PRESSURE TO EMPTY-DRUM NOT A PRESSURE VESSEL. NO BREATH SANDING DUST. NO WELD/FLAME/CUT DRUM. UNDERSTAND MFR'S SAFETY PRECAUTIONS.

## Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR. IN CONFINED AREAS USE NIOSH/MSHA APPROVED AIRLINE RESPIRATOR OR HOOD.

Ventilation:SUFFICIENT TO KEEP VAPOR CONCENTRATIONS BELOW TLV AND LEL, FOR BAKING FINISHES/EXHAUST VAPORS EMITTED ON HEATING. \*

Protective Gloves:REQUIRED/REFER TO SAFETY EQUIP SUPPLIER

Eye Protection:DESIGNED TO PROTECT AGAINST SPLASH

Other Protective Equipment:EYE BATH AND SHOWER. CHEMICAL RESISTANT APRON, BOOTS OR OTHER CLOTHING TO PROTECT AGAINST SKIN CONTACT.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING, USING WASHROOM.

Supplemental Safety and Health

\*REMOVE DECOMPOSITION PRODUCTS FORMED DURING WELDING OR FLAME CUTTING OF SURFACES COATED WITH THIS PRODUCT.

## Chemical Properties

Boiling Pt:B.P. Text:175TO343 F

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:76.2

## Stability

Stability Indicator/Materials to Avoid:YES

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, SMOKE, OXIDES OF NITROGEN.

## Disposal

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

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