

## **BLACK CONDUCTIVE COATING,463-6-14//IN KIT**

### **MSDS Number**

BGWMN

### **National Stock Number**

1615-01-115-3616

### **Product Name**

BLACK CONDUCTIVE COATING,463-6-14//IN KIT

### **Manufacturer**

AKZO COATINGS INC AEROSPACE FINISHES DIV

### **Product Identification**

Product ID:BLACK CONDUCTIVE COATING,463-6-14//IN KIT

MSDS Date:11/02/1988

FSC:1615

NIIN:01-115-3616

Kit Part:Y

MSDS Number: BGWMN

### **Responsible Party**

AKZO COATINGS INC./AEROSPACE FINISHES DIV

434 W. MEATS AVE

ORANGE , CA 92665

US

Emergency Phone: 45 PM E.S.T.)

Info Phone: 313-855-7313 AFTER HOURS

Cage: 98502

### **Contractor**

BOEING HELICOPTERS, DIV OF THE BOEING CO

RIDLEY PARK, PA 19078

US

215-591-3010

Cage: 77272

### **Ingredients**

N-BUTYL ALCOHOL (SARA III)

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight:

OSHA PEL100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 5.-20%.  
OSHA PEL3.5 MG/M3  
ACGIH TLV: 3.5 MG/M3; 9192

CYCLOHEXANONE (SARA III)

CAS: 108-94-1

RTECS: GW1050000

Fraction By Weight:

OSHA PELS, 50 PPM

ACGIH TLV: S, 25 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

CALCIUM CHROMATE (SARA III)

CAS: 13765-19-0

RTECS: GB2750000

Fraction By Weight: 5.-20%.

OSHA PEL0.05 MG CR/M3

ACGIH TLV: 0.001 MG/M3;A2, 9394

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 30.-45%.

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

METHYL ISOBUTYL KETONE (SARA III)

CAS: 108-10-1

RTECS: SA9275000

Fraction By Weight: 5.-20%.

OSHA PEL100 PPM/75 STEL

ACGIH TLV: 50 PPM/75 STEL; 9293

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: 20.-35%.

OSHA PEL100 PPM/150 STEL

ACGIH TLV: 100 PPM/150STEL;9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

MAXIMUM MIXED VOC PER MFR'S MSDS 706

RTECS: 9999999VO

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE IRRITANT,CONTACT MAY CAUSE EYE BURNS OR CORNEAL INJURY. EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL & RESPIRATORY IRRITATION,DIZZINESS,WEAKNESS,FATIGUE,NAUSEA,ETC.; CHRONIC:MAY CAUSE LIV ER & KIDNEY DAMAGE, RED BLOOD CELL & LEUCOCYTE DISORDERS, CARDIAC ABNORMALITIES.  
Explanation of Carcinogenicity:CALCIUM CHROMATE IS LISTED BY I.A.R.C. & N.T.P. AS A HUMAN CARCINOGEN.  
Effects of Overexposure:EYE: IRRITANT, EYE BURNS OR CORNEAL INJURY;  
INHAL: NASAL & RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS; SKIN: EXTRACTION OF NATURAL OILS W/ RESULTA NT MIDL IRRITATION.MAY BURN;  
INGEST: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING & DIARRHEA.  
Medical Cond Aggravated by Exposure:NONE EXPECTED.

## First Aid

First Aid:EYE: FLUSH W/ WATER FOR AT LEAST 15 MIN., GET MEDICAL ATTN.;  
INHAL: MOVE TO FRESH AIR & GIVE ARTIFICIAL RESPIRATION IF NECESSARY;  
SKIN: WASH W/ SOAP & WATER. INGEST: DRINK ONE OR TWO GLASSES OF WATER TO DILUTE. DONOT INDUCE VOMITING. CONSULT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. TREAT SYMPTOMATICALLY.

## Fire Fighting

Flash Point Method:TCC  
Flash Point:23F/-5C  
Lower Limits:1.0  
Extinguishing Media: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-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT & OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

## Accidental Release

Spill Release Procedures:REVIEW: A)FIRE & EXPLOSION HAZARD;  
B)REACTIVITY; C)HEALTH HAZARD; D)SAFE HANDLING & USE INFORMATION; & E)SPECIAL PRECAUTION SECTORS. REMOVE ALL IGNITION SOURCES. AVOID BREATHING VAPORS. VENTILATE AREA . REMOVE W/ INERT ABSORBENT.

## 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 STORAGE REQ  
Other Precautions:DONOT TAKE INTERNALLY. 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 PRE SSURE VESSEL. DONOT WELD OR FLAME CUT.

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## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR DEVICE. SEE YOUR SAFETY EQUIPMENT SUPPLIER FOR EVALUATION & RECOMMENDATION. IN CONFINED AREAS, USE NIOSH/MSHA APPROVED AIRLINE RESPIRATOR OR HOOD.

Ventilation:PROVIDE SUFFICIENT VENTILATION TO KEEP VAPOR CONCENTRATION BELOW GIVEN TLV & LEL. FOR BAKING FINISHES, EXHAUST VAPORS.

Protective Gloves:NON-PERMEABLE TYPE!

Eye Protection:TYPE DESIGNED TO PROTECT AGAINST SPLASH!

Other Protective Equipment:EYE BATH & SHOWER SHOULD BE AVAILABLE. USE CHEMICAL RESISTANT APRON, BOOTS OR OTHER CLOTHING TO AVOID SKIN CONTACT.

Work Hygienic Practices:WASH HANDS BEFORE EATING, SMOKING OR PERFORMING OTHER DUTIES.

Supplemental Safety and Health

MFR CODE:463060014; HAZ CHAR CODE IS FOR OVERALL KIT, FOR THIS PART

KEY1: F2; PART 3 OF 9 PARTS PUT TOGETHER BY BOEING HELICOPTERS

UNDER MFR DRAWING 114RK651-2.

## Chemical Properties

HCC:F2

Boiling Pt:=-79.4C, 175.F

B.P. Text:175-312F(RG)

Vapor Density:>1.

Spec Gravity:0.989

Evaporation Rate & Reference:(ETHER=1);SLOWER THAN

Percent Volatiles by Volume:78.8

## Stability

Stability Indicator/Materials to Avoid:YES

NONE REASONABLY FORSEEABLE.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, SMOKE, OXIDES OF NITROGEN.(DURING EMERGENCY,OVEREXPOSURE TO PRODUCTS MAY AFFECT HEALTH)

## Disposal

Waste Disposal Methods:INCINERATE IN AN APPROVED FACILITY, DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE OF I/A/W FEDERAL,STATE & LOCAL POLLUTION CONTROL REQUIREMENTS.

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