

AIRCRAFT BRAKING SYSTEMS CORP -- INSULATOR DISK,5005368 -- 1630-01-147-1058

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

Product ID:INSULATOR DISK,5005368

MSDS Date:05/01/1992

FSC:1630

NIIN:01-147-1058

MSDS Number: BXJXQ

=== Responsible Party ===

Company Name:AIRCRAFT BRAKING SYSTEMS CORP

Address:1204 MASSILLON RD

City:AKRON

State:OH

ZIP:44306-4186

Country:US

Info Phone Num:216-796-4400/5933

Emergency Phone

Num:216-379-8562

Preparer's Name:G. GABRICLE

CAGE:0B9R9

=== Contractor Identification ===

Company Name:AIRCRAFT BRAKING SYSTEMS CORP

Address:1204 MASSILLON RD

Box:City:AKRON

State:OH

ZIP:44306-4186

Country:US

Phone:216-796-2883

CAGE:0B9R9

===== Composition/Information on Ingredients =====

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Fraction by Wt: 65 - 70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBERS/CC,A1; 9495

Ingred Na

me:PHENOL-FORMALDEHYDE RESIN  
CAS:9003-35-4  
Fraction by Wt: 30 - 35%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:TLV FOR ASBESTOS: 2 AND PEL 0.2 FBS/CC.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:TARGET ORGANS:LUNGS. ACUTE- NO ACUTE  
ADVERSE HEALTH EFFECTS ARE EXPECTED. IF DUST IS GENERATED BY  
ABRASION, CAN IRR  
ITATE EYES, SKIN & RESPIRATORY TRACT. CHRONIC-  
INHALING DUSTS CONTAINING ASBESTOS CAUSE ASBESTOSIS. SMOKING  
GREATLY INCREASES CANCER RISKS. SYMPTOMS SUCH AS LABORED BREATHING  
MAY SHOW 15-20 YEARS LATER.  
Explanation of Carcinogenicity:CONTAINS A [1332-21-4] WHICH IS  
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.  
Effects of Overexposure:BREATHING DIFFICULTY, IRRITATION  
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING  
RESPIRATORY OR LUNG PROBLEMS  
SHOULD AVOID BREATHING AIRBORNE DUST  
FROM THIS PRODUCT.

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

First Aid:SEEK MEDICAL ATTENTION IF SYMPTOMS DEVELOP. IN CASE OF EYE  
IRRITATION GENTLY RINSE WITH WATER FOR 15 MINUTES WHILE KEEPING  
EYELIDS OPEN. DO NOT RUB EYES. SKIN: WASH FREQUENTLY WITH SOAP AND  
WATER. INHALATION: REMOVE TO FRESH AIR. INGESTION: CONSULT A  
PHYSICIAN.

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

Flash Point  
t:NON-FLAMMABLE  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL  
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED  
CONTAINERS.  
Fire Fighting Procedures:AVOID BREATHING FUMES. WEAR PROTECTIVE  
CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS  
OPERATED IN THE POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard:TOXIC GASES AND ASBESTOS FIBERS MAY BE  
RELEASED.

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

Spill R

Release Procedures:WEAR PROTECTIVE EQUIPMENTS. TREAT DUST AS FREE ASBESTOS. DO NOT DRY SWEEP OR USE COMPRESSED AIR. WET METHOD SHOULD BE USED FOR EXTRACTION OF DUST AND DEBRIS. HIGH EFFICIENCY PARTICULATE APPARATUS (HEP A) VACUUMS SHOULD BE USED. AVOID WATER-POLLUTION.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:HANDLE AND STORE TO MINIMIZE FORMATION OR RETENTION OF DUST.

Other Precautions:

AFTER HANDLING, DO NOT SMOKE, EAT OR APPLY COSMETIC UNTIL THOROUGHLY WASHED WITH WARM WATER AND SOAP. DO NOT BREATHE DUSTS. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:USE NIOSH APPROVED HIGH EFFICIENCY FIBERS/FUMES RESPIRATOR WHEN AIRBORNE FIBER CONCENTRATIONS EXCEED THE PEL.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:LEATHER, COTTON OR RUBBER IF FRIABLE

Eye Protection:DUST-RESISTANT SAFETY GOGGLES IF FRIABLE

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, WORK CLOTHING AND APRON AS REQUIRED. DO NOT WEAR CONTACT LENSES

Work Hygienic Practices:DON'T TAKE PROTECTIVE GEAR/CLOTHING HOME IF EXPOSED TO DUST. DON'T SHAKE. DON'T EAT IN AREA WHERE ASBESTOS/DUST PRESENT.

Supplemental Safety and Health

THE CHRYSOLITE ASBESTOS IS LOCKED IN A PHENOLIC RESIN. AS MANUFACTURED, PRODUCTS CONTAINING ASBESTOS DOES NOT PRESENT A HAZARD. ONLY WHEN THE ITEM

IS SUBJECTED TO ABRASIVE ACTIONS, THEN ASBESTOS FIBERS OR DUST MAY BE RELEASED AND BECOME AIRBORNE.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:INSOLUBLE

Appearance and Odor:DARK BROWN SOLID

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

Stability Indicator/Materials to Avoid:YE

S

Stability Condition to Avoid:CREATING DUST OR FIBERS

Hazardous Decomposition Products:TOXIC GASES AND ASBESTOS FIBERS MAY BE RELEASED.

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

Waste Disposal Methods:APPROVED LANDFILL. WASTE SHOULD BE CONTAINED IN IMPERMEABLE BAGS, LABELED AND DISPOSED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

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