

AMERICAN CYANAMID CO -- FM 400 ADHESIVE FILM -- 8040-00-133-4394

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Product Identification  
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Product ID:FM 400 ADHESIVE FILM

MSDS Date:04/25/1988

FSC:8040

NIIN:00-133-4394

MSDS Number: BJPXD

=== Responsible Party ===

Company Name:AMERICAN CYANAMID CO

Address:1 CYANAMID PLAZA

City:WAYNE

State:NJ

ZIP:07470

Country:US

Info Phone Num:201-835-3100

Emergency Phone Num:201-835-3100

Preparer's Nam

e:MARVIN A. FRIEDMAN, PHD

CAGE:DO026

=== Contractor Identification ===

Company Name:AMERICAN CYANAMID CO (MSDS #0870-02)

Address:1 CYANAMID PLAZA

City:WAYNE

State:NJ

ZIP:07470

Phone:201-835-3100

CAGE:DO026

Company Name:CYANAMID INTERNATIONAL SALES INC

Address:859 BERDAN AVE

Box:City:WAYNE

State:NJ

ZIP:07470-2030

Country:US

Phone:201-831-2000

CAGE:2N508

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Composition/Information on Ingredients  
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Ingred Name:ASBESTOS

CAS:1332-21-4

RTECS #:CI6475000

Fraction by Wt: 0.290

%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.2 FIBER/CC  
ACGIH TLV:2 FIBERS/CC  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SILICA, AMORPHOUS  
CAS:112945-52-5  
RTECS #:VV7310000  
Fraction by Wt: 0.770%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:20 MPPCF  
ACGIH TLV:3MG/M3RESP/6MG/M3TTL

Ingred Name:ALUMINUM (SARA III)  
CAS:7429-90-5  
RTECS #:BD0330000  
Fraction by Wt: 57.1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15MG/M3 DUST/5 FUME  
ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:FIBERGLASS  
Fraction by Wt: 0  
-20%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:10 MG/M3

Ingred Name:GRAPHITE, NATURAL  
CAS:7782-42-5  
RTECS #:MD9659600  
Fraction by Wt: 0-20%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MPPCF RDUST  
ACGIH TLV:2 MG/M3 RDUST; 9293

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:ALLERGIC SKIN REACTION OR PRIMARY SKIN  
IRRITATION POS

SIBBLE WITH PROLONGED OR REPEATED CONTACT WITH EPOXY RESINS. OVEREXPOSURE TO VAPOR DURING HEAT CURING AND NUISANCE PARTICULATES CAUSE IRRITATION OR INJURY OF RESPIRATORY TRACT AND EYE IRRITATION.

Explanation of Carcinogenicity:INHALATION OF ASBESTOS MAY CAUSE LUNG DAMAGE & CANCER, HOWEVER THIS PRODUCT IS NOT LIKELY TO RELEASE THIS MATERIAL .

Effects of Overexposure:INHALATION OF ALUMINUM POWDER MAY CAUSE LUNG EFFECTS, HOWEVER, THIS MATERIAL IS NOT LIKELY TO BE RELEASED FROM

THE PRODUCT. SYNTHETIC AMORPHOUS SILICA IS COMPLETELY AMORPHOUS AND CONTAINS NONE OF THE CRYSTALLINE VARIETIES OF SILICA KNOWN TO CAUSE LUNG FIBROSIS.

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First Aid Measures  
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First Aid:IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES AND SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. OBTAIN MEDICAL ATTENTION. WASH CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN SHOES BEFORE REUSE.

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Fire Fighting Measures  
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Extinguishing Media:USE WATER, CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS AND FULL FIREFIGHTING PROTECTIVE CLOTHING.

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Accidental Release Measures  
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Spill Release Procedures:WEAR NIOSH APPROVED RESPIRATOR SUITABLE FOR LEVEL OF EXPOSURE OR IF NECESSARY NIOSH APPROVED SELF CONTAINED

BREATHING APPARATUS. WEAR PROTECTIVE CLOTHING. SWEEP SPILLS & PLACE IN WASTE DISPOSAL CONTAINER. FLUSH AREA WITH WATER.

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Handling and Storage  
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Handling and Storage Precautions:NONE.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WHERE EXPOSURES EXCEED PEL USE NIOSH APPROVED RESPIRATOR FOR THE MATERIAL AND LEVEL OF EXPOSURE. A FULL FACE PIECE RESPIRATOR WILL PROVIDE EYE AND FACE PROTECTION

Ventilation:WHEN CLOSED SYS IS NOT USED, GOOD ENCLOS & LOCAL EXHST VENTIL TO BE PROVIDED TO MINIMIZE EXPOS WHEN CURING AT HIGH TEMP.

Protective Gloves:IMPERVIOUS GLOVES IF NECESSARY.

Eye Protection:CHEMICAL SPLASHPROOF GOGGLES.

Other Protective Equipment:AS NECESSARY: WORK PANTS, LONG SLEEVE SHIRT, BARRIER CREAM, EYEWASH FOUNTAIN AND SAFETY SHOWER.

Work Hygienic Practices:FOOD, BEVERAGES, TOBACCO PRODUCTS NOT TO BE STORED OR CONSUMED NEAR MAT'L. WASH WITH SOAP AND WATER BEFORE

EATING, ETC.

Supplemental Safety and Health

CUTTING, GRINDING OR SANDING FABRICATED PARTS AFTER CURING OF THIS MATERIAL MAY CREATE RESPIRABLE DUST PARTICLES. RESPIRATORY PROTECTION APPROPRIATE FOR THIS DUST MAY BE REQUIRED.

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

Spec Gravity:1.5-1.7

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK GREY, TACKY FILM

Percent Volatiles by Volume:< 1

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

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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, ACIDS, BASES OR CHLORINATED HYDROCARBONS.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE CARBON MONOXIDE, CARBON DIOXIDE, HYDROGEN CYANIDE, AMMONIA, AND OXIDES OF NITROGEN.

Conditions to Avoid Polymerization:AVOID CONTACT WITH ACIDS, OXIDIZING AGENTS, BASES OR AMINES. DO NOT HEAT MATERIAL ABOVE 90F (32.2C).

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

Waste Disposal Methods

:DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE GOVERNMENTAL REGULATIONS.

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