

AMERICAN CYANAMID -- FM (R) 410 CORE SPLICE ADHESIVE FOAM -- 8040-01-296-1793

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

Product ID:FM (R) 410 CORE SPLICE ADHESIVE FOAM

MSDS Date:01/12/1989

FSC:8040

NIIN:01-296-1793

MSDS Number: BQDBR

=== Responsible Party ===

Company Name:AMERICAN CYANAMID

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 Name:DR MARVIN A FRIEDMAN

CAGE:07542

=== C

Contractor Identification ===

Company Name:AMERICAN CYANAMID CO, INDUST CHEM & PLATICS DIV.

Address:OLD POST RD

Box:City:HAVRE DE GRACE

State:MD

ZIP:21078

Country:US

Phone:201-835-3100

CAGE:07542

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

Ingred Name:GLASS

Fraction by Wt: 4.4%

Other REC Limits:NONE SPECIFIED

ACGIH TLV:10 MG/M3 CEILING

Ingred Name:SILICA, AMORPHOUS

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 28.5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:EPOXY RESIN

Fraction by Wt: 60-100%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 RAT>7.5G/KG.LC50 RAT>250MG/M3.

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Health Hazards Acute and Chronic:BASED ON PHYSICAL FORM, OVEREXPOSURE BY INGESTION OR INHALATION WILL NOT OCCUR. ALLERGIC SKIN REACTION OR PRIMARY SKIN IRRITATION MAY BE PRODUCED BY PROLONGED OR REPEATED

DERMAL CONTACT WITH EPOXY RES INS. OVEREXPOSURE TO VAPOR DURING HEAT CURING MAY CAUSE IRRITATION OR INJURY TO RESPIRATORY TRACT & EYE IRRITATION. \*

Effects of Overexposure:\* OVEREXPOSURE TO SYNTHETIC AMORPHOUS SILICA DUST BY INHAL, SKIN, ORAL, DERMAL ROUTE NOT EXPECTED TO CAUSE ADVERSE EFFECTS. PRODUCT CONTAINS NONE OF CRYSTALLINE VARIETIES OF SILICA KNOWN TO CAUSE LUNG DISEASE. OVEREXPOSURE TO GLASS FIBERS CAUSES SKIN & EYE IRRIT. INHAL OF GLASS FIBERS MAY CAUSE RESP

CONGESTION/IRRIT.

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

First Aid:IN CASE OF SKIN CONTACT, IMMEDIATELY WASH AFFECTED AREA WITH SOAP AND PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. OBTAIN MEDICAL ATTENTION. DESTROY OR THOROUGHLY CLEAN SHOES BEFORE REUSE. DO NOT REUSE CONTAMINATED CLOTHING WITHOUT LAUNDERING. IN CASE OF EYE CONTACT, IMMEDIATELY IRRIGATE WITH PLENTY OF WATER FOR 15 MINUTES.

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

Extinguishing Media:USE WATER, CARBON DIOXIDE OR DRY CHEMICAL TO EXTINGUISH FIRES.

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

Unusual Fire/Explosion Hazard:MATERIAL MUST BE PREHEATED BEFORE IGNITION CAN OCCUR.

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

Spill Release Procedures:EXPOSURE LEVEL UNKNOWN; WEAR NIOSH POSITIVE

PRESSURE, SELF-CONTAINED RESPIRATOR; KNOWN, WEAR NIOSH APPRVD  
RESPIRATOR APPROP FOR LEVEL OF EXPOSURE. SWEEP UP SPILL & PLACE IN  
WASTE DISPOSAL CNTNR. FLUSH AREA W/WATER.

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

Handling and Storage Precautions:CUTTING, GRINDING, OR SANDING OF PARTS  
FABRICATED AFTER CURING OF THIS MATERIAL MAY CREATE RESPIRABLE DUST  
PARTICLES.

Other Precautions:AVOID SKIN CONTACT.

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

Respiratory Protection:BELOW PEL, RESPIRATORY PROTECTION NOT REQ'D.  
ABOVE PEL, USE NIOSH RESPIRATOR FOR MAT'L & LEVEL OF EXPOSURE.  
RESPIRATORY PROTECTION FOR DUST MAY BE REQ'D  
(CUTTING,GRINDING,SANDING). SEE "GUIDE TO INDUSTRIAL RESPIRATORY  
PROTECTION" (NIOSH).

Ventilation:WHEN NOT USED IN A CLOSED SYSTEM, PROVIDE GOOD ENCLOSURE &  
LOCAL EXHAUST VENT WHEN SPRAYING OR CURING AT ELEVATED TEMPS.

Protective Gloves:BARRIER CREAM IN CONJUNCTION W/GLOVES

Eye Protection:

IF CONTACT, CHEM SPLASH GOGGLES,FACESHLD

Other Protective Equipment:EYE WASH,SAFETY SHOWER IF EXPOSURE  
POTENTIAL.PROTECT CLOTH(APRO,WRK PANTS,LONG SLEEVE WRK  
SHIRT,DISPOSABLE COVERALLS).

Work Hygienic Practices:DONT CARRY/STORE FOOD,BEVERAGES,TOBACCO WHERE  
MAT'L IN USE.BEFORE EATING,DRINKING,SMOKING,WASH FACE/HANDS W/SOAP  
& WATER

Supplemental Safety and Health

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

Spec Gravity:1.08-1.10

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:BLUE FILM, NO ODOR

Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES

NO SPECIFIC INCOMPATIBILITY

Stability Condition to Avoid:NONE KNOWN

Hazardous Decomposition Products:THERMAL DECOMPOSITION OR COMBUSTION  
MAY PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Conditions to Avoid Polymerization:POLYMERIZATION MAY OCCUR SLOWLY AT  
ROOM TEMPERATURE. STORE AT OR BELOW

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

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

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