

FIBER MATERIALS INC -- FLEXFRAM 605 NS PART A -- 8030-00-097-9088

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Product Identification
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Product ID:FLEXFRAM 605 NS PART A

MSDS Date:01/11/1995

FSC:8030

NIIN:00-097-9088

Kit Part:Y

MSDS Number: CFSXV

=== Responsible Party ===

Company Name:FIBER MATERIALS INC

Address:5 MORIN STREET

City:BIDDEFORD

State:ME

ZIP:04005-4497

Country:US

Info Phone Num:207-282-5911

Emergency Phone Num:800-535

-5053

CAGE:62500

=== Contractor Identification ===

Company Name:FIBER MATERIALS INC

Address:BIDDEFORD INDUSTRIAL PARK

Box:City:BIDDEFORD

State:ME

ZIP:04005

Country:US

Phone:207-282-5911

CAGE:62500

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Composition/Information on Ingredients
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Ingred Name:TRIETHYLENETETRAMINE; (TETA)

CAS:112-24-3

RTECS #:YE6650000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SILICA, AMORPHOUS FUMED

CAS:112945-52-5

RTECS #:VV7310000

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:ALUMINUM (I

II) SILICATE (2:1); (ALUMINOSILICATE FIBER,
GRIT)

CAS:1302-76-7

RTECS #:BD1450000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:AMIDOAMINE RESIN

CAS:68443-08-3

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPDAT: RELEVANT EXPERIMENTAL DATA ON MAN MADE MINERAL
FIBERS IN ORDER TO CRITICALLY EVAL & CLASSIFY CANCER (ING 6)

RTECS #:9999999ZZ

Ingred Name:ING 5:CAUSING PTNTL OF THESE MATLS. BASED ON ITS REVIEW,
IARC CLASSIFIED FIBROUS GLASS WOOL, MINERAL WOOL (BOTH (ING 7)

RTECS #:9999999ZZ

Ingr

ed Name:ING 6:ROCK WOOL & SLAG WOOL) & CERAMIC FIBER AS GROUP 2B
CARCINS. BY DEFINITION, GROUP 2B AGENT IS POSS CARCIN (ING 8)

RTECS #:9999999ZZ

Ingred Name:ING 7:TO HUMANS. FOR REFRACTORY CERAMIC FIBERS, IARC'S 2B
CLASSIFICATION WAS BASED ON SUFFICIENT EVIDENCE OF (ING 9)

RTECS #:9999999ZZ

Ingred Name:ING 8:CARCIN IN EXPERIMENTAL ANIMALS IN ABSENCE OF HUMAN
EPIDEMIOLOGIC DATA. FURTHER ANIMAL & HUMAN STUDIES ARE (ING 10)

RTECS #:9999999ZZ

Ingred Name:ING 9:PLANNED. PENDING RSLTS O
F THESE STUDIES, STRICT

ADHERENCE TO RECOM SAFE WORK PRACS DESCRIBED ELSEWHERE IN (ING 11)

RTECS #:9999999ZZ

Ingred Name:ING 10:THIS DATA SHEET IS ADVISED.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards Acute and Chronic:SIGNS & SYMPS OF EXPOS: IRRIT OF SKIN,
DERM, BURNING

OF EYES, OVEREXP COULD CAUSE IRRIT OF RESP TRACT.

SEVERE EYE IRRITANT, RATED 105 IN 0-110 RANGE, RABBIT. MODERATE SKIN IRRITANT. REMOVAL OF CURED M ATL BY GRINDING MAY RSLT IN SUSPENDING SILICA DUST AND NUISANCE DUST IN AIR. PRODUCT CONTAINS (EFTS OF OVEREXPOSURE)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZS:ALUMINOSILICATE WHICH COULD TRANSFORM UPON HEATING TO MULLITE AND CRISTOBALITE (FORM OF CRYSTALLINE SILICA). REMOVAL OF THIS PROD AF TER USE MAY RSLT IN GENERATION OF DUST. REPEATED INHAL OF RESPIRABLE FREE CRYSTALLINE SILICA DUSTMAY CAUSE DELAYED LUNG INJURY(SILICOSIS). PULMONARY TUMOR CAUSING PTNTL (SUPDAT)

Medical Cond Aggravated by Exposure:ASTHMA, SENSITIZATION DERMATITIS.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES AND CALL PHYSICIAN. INGEST: CALL MD IMMEDIATELY . INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ART IFICIAL RESPIRATION) . SKIN: FLUSH W/C OPIOUS AMOUNTS OF WATER. CALL MD .

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

Flash Point Method:COC

Flash Point:365F,185C

Extinguishing Media:WATER, CO*2, DRY OR FOAM.

Fire Fighting Procedures:USE NIOSH APPRVD SCBA & FULL PROT EQUIP . FOR LARGE FIRES, USE WATER SPRAY, FOG, OR FOAM. DIKE WATER RUN-OFF. PREVENT ENTRY INTO SEWERS/NATURAL WATERS.

Unusual Fire/Explosion Hazard:TOXIC FUMES WILL BE EVOLVED IF UNMIXED MA

TERIAL IS INVOLVED IN A FIRE.

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

Spill Release Procedures:DIKE. USING RECOMMENDED PROTECTIVE EQUIPMENT, SCOOP UP AND CONTAINERIZE. FLUSH AREA WITH DILUTE (5%) ACETIC ACID. GUARD AGAINST FIRE HAZARD IF SOLVENTS ARE USED.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN TIGHT, STURDY CONTAINERS IN A DRY LOCA

TION. HANDLE IN ACCORDANCE WITH HAZARD POTENTIAL.

Other Precautions:REMOVE CONTAMINATED CLOTHING AND PROTECTIVE GEAR.
DECONTAMINATE. DESTROY LEATHER ARTICLES, INCLUDING SHOES THAT
CANNOT BE DECONTAMINATED.

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

Respiratory Protection:NIOSH APPROVED RESPIRATORY PROTECTION WITH
ORGANIC VAPOR CARTRIDGES AS REQUIRED TO PREVENT VAPOR OVEREXPOSURE.

Ventilation:LOCAL EXHAUST:NECESSARY IN CONFINED MIXING AND APPLICATION
ARE

AS. MECHANICAL(GENERAL):REQUIRED TO PREVENT OVEREXPOSURE.

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:AVOID SMOKING, EATING, AND DRINKING IN WORK
AREA.

Supplemental Safety and Health

EFFECTS OF OVEREXP: OF REFRACTORY CERAMIC FIBERS IN ANIMALS IS UNCLEAR.

TWO INHAL STUDIES SUGGEST LOW ORDER POTENTIAL IN INDUCING PULM TUMORS
IN ANIMALS, WHILE OTHER INHAL & INTRATR

ACHEAL INJECTION STUDIES C

CONCLUDE THAT CERAMIC FIBERS ARE NOT TUMORIGENIC IN ANIMALS. IARC
HAS RECENTLY REVIEWED ANIMAL, HUMAN & OTHER (ING 5)

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

Spec Gravity:1.136

Evaporation Rate & Reference:N/A (BUTYL ACETATE=1)

Solubility in Water:MODERATE

Appearance and Odor:AMMONIACAL, MERCAPTAN.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING A

GENTS, STRONG ACIDS, CHLORINATED ORGANIC COMPOUNDS.

Stability Condition to Avoid:NOT APPLICABLE.

Hazardous Decomposition Products:HEATING TO DECOMP MAY PRODUCE QUANTITIES OF
FREE SILICA(CRISTOBALITE).

Conditions to Avoid Polymerization:REACTS WITH CONSIDERABLE HEAT WITH
HOT RESINS.

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

Waste Disposal Methods:DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL,
STATE AND LOCAL REGULATIONS .

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on by the compiling agencies):

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