

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

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

Product ID:FLEXFRAM 605 NS, PART B

MSDS Date:01/11/1995

FSC:8030

NIIN:00-097-9088

Kit Part:Y

MSDS Number: CFSXW

=== 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

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

Ingred Name:SILICA, AMORPHOUS FUMED

CAS:112945-52-5

RTECS #:VV7310000

Fraction by Wt: 2%

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

Ingred Name:EPOXY RESIN

CAS:25085-99-8

Fraction by Wt: 48%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:SUPDAT:ANIMALS IS UNCLEAR. TWO INHAL STUDIES SUGGEST LOW
ORDER P

TNTL IN INDUCING PULM TUMORS IN ANIMALS, WHILE (ING 4)
RTECS #:9999999ZZ

Inged Name:ING 3:OTHER INHAL & INTRATRACHEAL INJECTION STUDIES
CONCLUDE THAT CERAMIC FIBERS ARE NOT TUMORIGENIC IN ANIMALS. (ING
5)
RTECS #:9999999ZZ

Inged Name:ING 4:IARC HAS RECENTLY REVIEWED ANIMAL, HUMAN AND OTHER
RELEVANT EXPERIMENTAL DATA ON MAN MADE MINERAL FIBER IN (ING 6)
RTECS #:9999999ZZ

Inged Name:ING 5:ORDER TO CRITICALLY EVAL & CLASSIFY CANCER CAUSING
PTNTL OF THESE MATLS. BASED ON ITS RE
VIEW, IARC (ING 7)
RTECS #:9999999ZZ

Inged Name:ING 6:CLASSIFIED FIBROUS GLASS WOOL, MINERAL WOOL(ROCK &
SLAG WOOL) & CERAMIC FIBER AS GROUP 2B CARCINS. BY (ING 8)
RTECS #:9999999ZZ

Inged Name:ING 7:DEFINITION, GRP 2B AGENT IS POSS CARCIN TO HUMANS.
FOR REFRACTORY CERAMIC FIBERS, IARC'S 2B CLASSIFICATION (ING 9)
RTECS #:9999999ZZ

Inged Name:ING 8:WAS BASED ON SUFFICIENT EVID OF CARCIN IN
EXPERIMENTAL ANIMALS IN ABSENCE OF HUMAN EPIDEMIOLOGIC DATA. (ING
10)
RTECS #:9999999Z
Z

Inged Name:ING 9:FURTHER ANIMAL & HUMAN HLTH STUDIES ARE PLANNED.
PENDING RSLTS OF THESE STUDIES, STRICT ADHERENCE TO RECOM(ING 11)
RTECS #:9999999ZZ

Inged Name:ING 10:SAFE PRACTICES DESCRIBED ELSEWHERE IN 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
Hea

Health Hazards Acute and Chronic: PRIMARY IRRITATION OF SKIN ON PROLONGED CONTACT. IRRITATING TO EYES. REMOVAL OF CURED MATERIAL BY GRINDING MAY RESULT IN SUSPENDING SILICA DUST & NUISANCE DUSTS IN AIR. INHALATION OF EPOXY: MAY BE IRRITATING, HOWEVER, RESIN IS NOT VOLATILE & GENERALLY DOES NOT PRESENT SERIOUS HAZARD BY INHALATION. IARC HAS RECENTLY (EFFECTS OF OVEREXPOSURE)

Explanation of Carcinogenicity: NOT RELEVANT

Effects of Overexposure: HEALTH HAZARDS: REVIEWED ANIMAL, HUMAN & OTHER RELEVANT EXPERIMENTAL DATA ON SILICA IN ORDER TO CRITICALLY EVALUATE &

CLASSIFY CANCER CAUSING POTENTIAL. BASED ON ITS REVIEW, IARC CLASSIFIED CRYSTALLINE SILICA AS GROUP 2A CARCINOGEN. BY DEFINITION, GROUP 2A IS PROBABLY CARCINOGEN TO HUMANS. FOR CRYSTALLINE SILICA, CLASSIFICATION WAS (SUPERDAT)

Medical Condition Aggravated by Exposure: ALLERGIES AND/OR OTHER RESPIRATORY CONDITIONS.

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

First Aid: INHALATION: REMOVE TO FRESH AIR. GET MEDICAL HELP. EYES

:

FLUSH THOROUGHLY WITH WATER FOR 15 MINUTES. SKIN: WASH WITH SOAP AND WATER. INGESTION: INDUCE VOMITING AND CALL PHYSICIAN IMMEDIATELY.

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

Flash Point Method: COC

Flash Point: 315°F, 157°C

Extinguishing Media: WATER SPRAY, DRY CHEMICAL OR CO₂.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT. FOR LARGE FIRES, USE FOG OR FOAM. DIKE WATER RUN-OFF. PREVENT ENTRY INTO SEWERS OR NATURAL WATERS.

Unusual Fire

Explosion Hazard: TOXIC FUMES WILL BE EVOLVED IF UNMIXED MATERIAL IS INVOLVED IN FIRE.

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

Spill Release Procedures: DIKE. WEAR APPROVED RESPIRATORY PROTECTIVE & OTHER PROTECTIVE EQUIPMENT AS NECESSARY TO PREVENT SKIN & EYE CONTACT. IF WARM, REMOVE LIQUID BY PUMPING INTO SALVAGE DRUMS. IF COOL & NON PUMPABLE, REMOVE BY SHOVELING & SCRAPING INTO SALVAGE DRUMS. SOAK UP RESIDUE & SMALL SPILLS WITH (SUPERDAT)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER

CTURER.

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

Handling and Storage Precautions:STORE IN TIGHT, STURDY CONTAINERS.

HANDLE IN ACCORDANCE WITH HAZARD POTENTIAL.

Other Precautions:REMOVE CONTAM CLTHG & PROT GEAR. DECONTAM. DESTROY LEATHER ARTICLES, INCLG SHOES THAT CANNOT BE DECONTAM. ANSI CLASSIFICATION 2. REMOVAL OF CURED MATL SHOULD BE ACCOMPLISHED WITH NIOSH APPRVD RESPIRAT ORS.

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

Respiratory Protection:NIOSH APPROVED RESPIRATOR WITH ORGANIC VAPOR CARTRIDGE. NOT APPLICABLE WITH LOCAL EXHAUST.

Ventilation:LOC EXHST:SHOULD BE PROVIDED IN MIX & APPLICATION AREAS.

MECH(GEN):RECOM. SPECIAL: USE NIOSH APPRVD RESP FOR (SUPDAT)

Protective Gloves:RUBBER GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

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

PROTECTIVE CLTHG/EQUIP AS NECESSARY TO PREVENT BODY CONTACT.

Work Hygienic Practices:AVOID SM

OKING, EATING AND DRINKING IN WORK AREA.

Supplemental Safety and Health

SPILL PROC:ABSORB MATL SUCH AS CLAY & PUT INTO TIGHT CNTNR. GUARD AGAINST FIRE HAZS IF SOLVS ARE USED. VENT:REMOVAL OF CURED MATERIAL. EFTS OF OVEREXP:BASED ON LIMITED EVIDENCE OF CARCIN IN HUMANS & S UFFICIENT EVIDENCE OF CARCIN IN EXPERIMENTAL ANIMALS. PULM TUMOR CAUSING PTNTL OF REFRACTORY CERAMIC FIBERS IN (ING 3)

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

Boiling Pt:B.P. T

ext:600F,316C

Vapor Pres:0.01

Vapor Density:9

Spec Gravity:1.706 (H*2O=1)

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS LIQUID, MILD AROMATIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, CHLORINATED ORGANIC COMPOUNDS.

Hazardous Decomposition Products:CO*2, ALDEHYDES, ACIDS, NO*2, SO*2.

Conditions to Avoid Polymerization:REACTS WI

TH CONSIDERABLE HEAT WITH
ALIPHATIC AMINES.

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

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

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and

disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.