

MATERIAL SAFETY DATA SHEET

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SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTITY: (As used on label and list)

**FLEXFRAM™ 605
Part B**

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Manufacturer's Name/Address/Phone #:

**FIBER MATERIALS, INC.
5 MORIN STREET
BIDDEFORD, ME 04005-4497
(207) 282-5911 MON-FRI 8:00-5:00**

Emergency Telephone #: INFOTRAC (800) 535-5053

Date Originally Prepared: 8/11/86

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SECTION II – HAZARDOUS INGREDIENTS

Hazardous Components:

(Spec. Chemical Identity;

Common Name(s)):

CAS #:

OSHA

PEL:

ACGIH

TLV:

Other Limits

Recommended:

%

Optional:

Silica, Amorphous

7631-86-9

$\frac{80 \text{ mg}}{\text{m}^3}$
% SiO₂

20 MPPCF
5 MPPCF (respirable)

10 MPPCF

Total N/A

2.3%

Bisphenol

A/Epichlorohydrin
(Based Epoxy Resin)

25068-38-6

N/A

N/A

53.4%

SECTION III – PHYSICAL/AND CHEMICAL PROPERTIES

Boiling Point:

600°F

Specific Gravity (H₂O=1):

1.503

Vapor Pressure (MM Hg.):

.01@70°F

Melting Point:

N/A

Vapor Density: (Air = 1)

9

**Evaporation Rate:
(Butyl Acetate=1)**

N/A

Solubility in Water: Negligible

Appearance and odor: Gray viscous liquid. Mild aromatic odor.

SECTION IV – FIRE/FIRE FIGHTING MEASURES

Flash Point (Method Used): 315° F CoC

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Flammable Limits: N/A

UEL: N/A **LEL:** N/A

Extinguishing Media: Water spray, CO₂, or dry chemical.

Special Fire Fighting Procedures: For large fires, use water spray, fog, or foam. Dike water run-off. Prevent entry into sewers or natural waters. Wear full protective equipment.

Unusual Fire and Explosion Hazards: Toxic fumes will be evolved if unmixed material is involved in a fire. Wear self-contained breathing apparatus.

SECTION V – FIRST AID

Emergency and First Aid Procedures: Remove to fresh air and get medical help.

Eyes: Flush thoroughly with water for 15 minutes.

Skin: Wash with soap and water.

Ingestion: Induce vomiting and call physician immediately.

SECTION VI – STABILITY AND REACTIVITY

Stability: Material is stable.

Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids, chlorinated organic compounds.

Hazardous Decomposition or By-Products: CO₂, Aldehydes, Acids, NO₂, SO₂.

Material Polymerization: **May Occur:** **Will not Occur:** X

Conditions to Avoid: Reacts with considerable heat with hot resins.

SECTION VII – HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Store in tight, sturdy containers. Handle in accordance with hazard potential.

Other Precautions: Remove contaminated clothing and protective gear. Decontaminate. Destroy leather articles, including shoes that cannot be decontaminated. ANSI classification 2. Removal of cured material should be accomplished with NIOSH approved respirators.

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SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Type): NIOSH approved respirator with organic vapor cartridge. N/A with local exhaust.

Ventilation:

General Mechanical: Recommended

Local: Should be provided in mixing and application areas.

Special: Removal of cured materials should be accomplished with NIOSH approved dust respirator.

Protective Gloves: Rubber gloves are required to prevent skin contact.

Eye Protection: Goggles or face shield.

Other Protective Clothing or Equipment: Are necessary to prevent body contact.

Work/Hygienic Practices: Avoid smoking, eating and drinking in the work area.

SECTION IX – HEALTH HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

Route(s) of Entry:	Inhalation	X	Skin	X	Ingestion	X
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Health Hazards (Acute and Chronic): Removal of cured material by grinding may result in suspending silica dust, carbon fibers, and nuisance dusts in the air. Inhalation of epoxy resins may be irritating and sensitizers. However, resin is not volatile and generally does not present serious hazard by inhalation.

Carcinogenicity: N/A

Signs and Symptoms of Exposure: Primary irritation of skin on prolonged contact. Irritating to the eyes.

Medical Conditions Generally Aggravated by Exposure: Allergies and/or other respiratory conditions.

SECTION X – ACCIDENTAL RELEASE MEASURES

Dike. Wear approved respiratory protection and other protective equipment as necessary to prevent skin and eye contact. If warm, remove liquid by pumping into salvage drums. Soak up residue and small spills with absorbent material such as clay and put into tight container. Guard against fire hazards if solvents are used.

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SECTION XI – TOXICOLOGICAL INFORMATION

This section will be updated as reviews are completed.

SECTION XII – ECOLOGICAL INFORMATION

This section will be updated as reviews are completed.

SECTION XIII – DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in a landfill in accordance with local, state and federal regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

SECTION XV – REGULATORY INFORMATION

This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Chemical Name	CAS Number	% of Weight
Bisphenol A/Epichlorohydrin Resin	25068-38-6	5-20 %

All disposal must be in compliance with all Federal, State and local laws and regulations.

As per 29 CFR 1910.1200, any copying and redistribution of this MSDS shall include copying and redistribution of this notice.

SECTION XVI – OTHER INFORMATION

The above information is believed to be accurate and represents the best information currently available to us. However, WE MAKE NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their own particular purposes. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The data in this MSDS relates only to the specific material designated and does not relate to use in combination with any other material or process.