

Material Safety Data Sheet

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: PC® Fabric 79

Manufacturer/Supplier:

Pittsburgh Corning Corporation
800 Presque Isle Drive
Pittsburgh, PA 15239

Information Number: 724-327-6100
CHEMTREC: 800/424-9300

Generic Name: Polyester Mesh Fabric

Use: PC® Fabric 79 is an open mesh synthetic fabric for reinforcing PITTCOTE® 404 coating or PITTCOTE® 300 finish over FOAMGLAS® insulation

General Comments: General information and emergency information available 8:00 AM – 5:00 PM Monday through Friday.

CHEMTREC telephone number is to be used only in the event of chemical transportation emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to technical service.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

These fabrics are considered to be ARTICLES and therefore are not required to be listed on the T.S.C.A. Inventory.

| Ingredient | App. % by wt. | CAS # |
|--------------|---------------|---------|
| Formaldehyde | <0.02 | 50-00-0 |

SECTION 3 – HAZARDOUS IDENTIFICATION

HAZARDOUS POLYMERIZATION: Will Not Occur

ROUTES OF EXPOSURE: Inhalation, Skin, Eye

No danger to the user is expected if used according to the instructions. These fabrics products can release a small amount of formaldehyde. Exposure to formaldehyde may result from skin contact with fabric, or by inhalation of formaldehyde vapor released into the air.

The National Toxicological Program's Annual Report on Carcinogens list formaldehyde as a substance that may reasonably be anticipated to be carcinogenic. The International Agency for Research on Cancer (IARC) concludes that formaldehyde is a Category 1 carcinogen, and is "carcinogenic to humans" for nasopharyngeal cancer (NPC)

IMMEDIATE EFFECTS:

INHALATION: Overexposure to formaldehyde from any source may cause skin or eye irritation after prolonged contact and formaldehyde vapor overexposure may cause eye and respiratory tract irritation. In the event of overexposure, remove the individual from contact with the source.

SKIN CONTACT: May cause irritation. If rash develops or irritation persists, seek physician.

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EYE CONTACT: If eye contact is made and irritation develops, contact physician.

INGESTION: Ingestion is not likely, however if ingested, see physician.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

ACUTE: None Reported

CHRONIC: None Reported

SECTION 4 – FIRST AID MEASURES

GENERAL ADVICE:

INHALATION: Move the exposed person to fresh air at once. If breathing is difficult, GET MEDICAL ATTENTION.

SKIN CONTACT: Wash exposed skin with soap and water. If irritation develops or persists after the area has been washed, GET MEDICAL ATTENTION.

EYE CONTACT: Remove contact lenses. Immediately rinse eyes with large amounts of water, preferably lukewarm water, for at least 15 minutes. If irritation persists, GET MEDICAL ATTENTION.

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Fabrics can be combustible. Use water fog, carbon dioxide or dry chemical. If entering a confined area, use self-contained breathing apparatus if applicable

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: Stable.

SENSITIVITY TO STATIC DISCHARGE: Stable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PRECAUTIONS FOR PERSONNEL: General ventilation should be used to maintain exposures below applicable exposure limits. Recirculating systems should, whenever practical, be operated in the bypass mode to avoid concentrating of air contaminants in the work space.

ENVIRONMENTAL PRECAUTIONS: NA

PROCESS FOR CLEANING: NA

SECTION 7 – HANDLING AND STORAGE

HANDLING: During fabric processing, formaldehyde exposure is the responsibility of the user. The potential level of exposure will depend on the amount of these and other fabrics in process, the work area size, ventilation, temperature, humidity. Because of the variability of conditions which may exist, evaluation of personnel exposure by a professional industrial hygienist is recommended.

STORAGE: Store in ventilated area away from sources of ignition.

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SECTION 8 – EXPOSURE RESTRICTIONS AND PERSONAL PROTECTION

| Ingredient | App. % by wt. | EXPOSURE LIMITS | | | CAS # |
|--------------|------------------|------------------------|---------------|-------------------------------------|---------|
| | | TLV | NIOSH REL TWA | PEL | |
| Formaldehyde | <.02 (77 ppm) | 0.37 mg/m ³ | NE | 0.75 mg/m³ TWA | 50-00-0 |

ADDITIONAL ADVICE: NA

SECTION 9 – PHYSICAL PROPERTIES

| | | | |
|-------------------------|--|--|------|
| Freezing Point: °C (°F) | NA | Flash Point : °C (°F) TCC | NA |
| Boiling Point: °C (°F) | NA | Ignition Temperature: °C (°F) | NE |
| Vapor Pressure (MM Hg): | NA | Flammable Limits: LEL | NA |
| | | UEL | NA |
| Vapor Density (Air = 1) | NA | Specific Gravity (H ₂ O = 1): | 0.01 |
| Solubility in Water: | Insoluble | Percent Volatile By Volume (%) | NA |
| Appearance and Odor: | White, open mesh, synthetic fabric. No appreciable odor. | pH: | NA |
| | | Evaporation Rate (BuAC=1) | NA |

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

MATERIALS TO AVOID: None known

DECOMPOSITION PRODUCTS: No decomposition if used for intended purpose.

SECTION 11 – TOXICOLOGICAL INFORMATION

| CAS # | INGREDIENT | DERMAL LD50 | INHALATION LD50 | ORAL LD50 |
|---------|--------------|------------------|---------------------------|---------------|
| 50-00-0 | Formaldehyde | 270 µL/kg Rabbit | 203 mg/m ³ Rat | 100 mg/kg Rat |

| CAS # | INGREDIENT | CARCINOGENICITY | | TERATOGENICITY | MUTAGENICITY |
|---------|--------------|-----------------|------|----------------|--------------|
| | | ACGIH | IARC | | |
| 50-00-0 | Formaldehyde | UN | 2A | UN | UN |

SECTION 12 – ECOLOGICAL INFORMATION

VOLATILE ORGANIC COMPOUNDS: 0 Grams Per Liter (g/l). 0 Pounds Per Gallon (lb/g).

Do not empty into drains, soil or bodies of water.

SECTION 13 – DISPOSAL CONSIDERATIONS

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DISPOSAL METHOD: Disposal should be made in accordance with Federal, State and Local regulations.

SECTION 14 – TRANSPORT INFORMATION

SHIPPING CLASS: Not Regulated

SECTION 15 – REGULATORY INFORMATION

SARA SECTION 302:

SARA (311,312) HAZARD CLASS:

SARA (313) CHEMICALS: NONE

CERCLA: NA

CPSC CLASSIFICATION:

HMIS: FLAMMABILITY: 1 REACTIVITY: 0 HEALTH: 0

NFPA: FLAMMABILITY: 1 REACTIVITY: 0 HEALTH: 0

WHMIS CLASSIFICATION: None Required

CALIFORNIA PROPOSITION 65:

- A. This product contains a chemical known to the State of CA to cause birth defects or other reproductive harm.
B. This product contains a chemical known to the State of CA to cause cancer.
C. This product contains a chemical known to the State of CA to cause cancer and birth defects or other reproductive harm.

SECTION 16 – OTHER INFORMATION

NA = not applicable NE = not established UN = unavailable CL = Ceiling Limit
NEGL = Negligible PROP. = Proprietary

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