

For Chemical Emergency Call: (603) 424-9000

Date Prepared: March 27, 1986

Revised: December 5, 2001

MSDS1201-020

# Material Safety Data Sheet

## CHEMFILM® Engineered Films

### PRODUCT NAME: CHEMFILM®

Engineered Films: Type C, Type CD,  
DF100, DF1400, DF1471, DF1471SB, DF1700,  
DF1700DB, DF1900, DF1900DB.

### GENERAL DESCRIPTION:

Cast fluoropolymer films, various thicknesses and colors, some thermally weldable on one or both faces.

### 1. Hazardous Ingredients:

The above product(s) are considered "articles" according to OSHA Hazard Communication Standard 29 CFR 1910.1200 and, as such, are exempt from the material safety data sheet provisions of 29 CFR 1910.1200 (G) (6). As a courtesy to the customer, Saint-Gobain PPL has prepared this material safety data sheet to provide appropriate safety and handling information. These products are considered nonhazardous when used according to accepted practices for the intended use.

### 2. Physical/Chemical Data:

APPEARANCE AND ODOR: Flexible, odorless film, various colors, black and natural (clear)

SOLUBILITY IN WATER: Insoluble

### 3. Fire and Explosion Hazard Data:

FLASH POINT: N/A

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

#### SPECIAL FIRE FIGHTING PROCEDURES:

Wear face mask and self-contained breathing apparatus approved by U.S. Bureau of Mines if there is a danger of inhaling smoke from a fire involving any fluorocarbon.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product is difficult to ignite and will ordinarily not burn once the source of ignition is removed. In an extreme fire situation, protection from hydrogen fluoride should be employed.

### 4. Reactivity Data:

STABILITY: Stable

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Toxic gaseous material (HF and fluorocarbon olefins) may be evolved above 230°C.

### 5. Health Hazard Data:

ROUTES OF ENTRY: N/A

#### HEALTH HAZARDS (ACUTE AND CHRONIC):

Exposure to fumes generated if the product is heated above 230°C may result in "Polymer Fume Fever."

#### SIGNS AND SYMPTOMS OF EXPOSURE:

"Polymer Fume Fever" — flu-like symptoms (chills, fever, tightness in the chest), appearing two or more hours after exposure and subsiding within 36 to 48 hours, even in the absence of treatment.

### 6. First Aid:

#### EMERGENCY FIRST AID TREATMENT:

Remove patient to fresh air; call physician.

### 7. Precautions for Safe Handling and Use:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A

WASTE DISPOSAL: Landfill is preferred; burning not recommended. With incineration, gaseous products should be removed by alkaline scrubbing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Provide proper local and general ventilation if product is heated above 230°C. Avoid contamination of smoking materials; do not smoke while cutting, heat sealing, or fabricating material.

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AFF-1436-PDF-0405-SGCS