

For Chemical Emergency Call: (603) 424-9000  
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MSDS0898-018

# Material Safety Data Sheet

## CHEMFILM® Engineered Films

**PRODUCT NAME:** CHEMFILM®  
Engineered Films: DF2909, DF2919,  
DF2929, DF2404, DF2919B

**GENERAL DESCRIPTION:**  
Proprietary fluoropolymer/polyimide  
tapes for insulation of electrical wire  
and cable.

### 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:** Various colors  
and off-white odorless film

**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.

**Limited Warranty:** For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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