

For Chemical Emergency Call: (603) 424-9000
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MSDS0502-021

Material Safety Data Sheet

CHEMFILM® Engineered Films

PRODUCT NAME: CHEMFILM®
Engineered Films, VB and Other
Bondable (DF1100, DF3100)

GENERAL DESCRIPTION:
Fluoropolymer films with a proprietary
bondable surface.

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.

8. FDA Compliance Information:

The resins used in DF1100 and DF3100
films, properly processed, meet the
requirements of 21CFR177.1550.

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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**Saint-Gobain Performance
Plastics Corporation**
701 Daniel Webster Highway
P.O. Box 1137
Merrimack, NH 03054

www.fff.saint-gobain.com

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