U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

DAC NO.: DPM 3463

| | |
|---|---|
| MANUFACTURER'S NAME: CHEMICAL FABRICS CORPORATION | EMERGENCY TELEPHONE NO.: 802/447-1131 |
| ADDRESS (Number, Street, City, State, and ZIP Code): WATER STREET, P.O. BOX 476 - NORTH BENNINGTON, VT 05257 | |
| CHEMICAL NAME AND SYNONYMS: POLYTETRAFLUOROETHYLENE ON WOVEN FIBERGLASS | TRADE NAME AND SYNONYMS: Premium, Standard, Mechanical, and Porous Series Products |
| CHEMICAL FAMILY: Copolymer on Glass Fiber | FORMULA: -(C2F4)n |

## SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|---|---|---|---|---|---|
| PIGMENTS | | | BASE METAL | | |
| CATALYST | | | ALLOYS | | |
| VEHICLE | | | METALLIC COATINGS | | |
| SOLVENTS | | | FILLER METAL PLUS COATING OR CORE FLUX | | |
| ADDITIVES | | | OTHERS | | |
| OTHERS | | | | | |

| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | % | TLV (Units) |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

## SECTION III - PHYSICAL DATA

| | | | |
|---|---|---|---|
| BOILING POINT (°F.) | | SPECIFIC GRAVITY ($H_2O$=1) | |
| VAPOR PRESSURE (mm Hg.) | | PERCENT, VOLATILE BY VOLUME (%) | |
| VAPOR DENSITY (AIR=1) | | EVAPORATION RATE (_____ =1) | |
| SOLUBILITY IN WATER | | | |
| APPEARANCE AND ODOR | Translucent film on Glass; ordorless; insoluble in water | | |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| FLASH POINT (Method used) | FLAMMABLE LIMITS | Lel | Uel |
|---|---|---|---|
| Does not flash | | | |

EXTINGUISHING MEDIA
Foam, Carbon Dioxide, Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES
TCGF does not burn without an external source of fuel under normal conditions.

UNUSUAL FIRE AND EXPLOSION HAZARDS
It will burn in an atmosphere containing in excess of 98% oxygen if an ignition source is present. In an extreme fire situation, protection from hydrogen fluoride fumes shoud be employed.

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## SECTION V - HEALTH HAZARD DATA

Not Applicable

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

## SECTION VI - REACTIVITY DATA

| STABILITY | | | CONDITIONS TO AVOID |
|---|---|---|---|
| | UNSTABLE | | Temperatures above 250° C (482°F) |
| | STABLE | X | |

INCOMPATABILITY *(Materials to avoid)* Molten Alkali Metals

HAZARDOUS DECOMPOSITION PRODUCTS Hydrogen Fluoride and Perfluorocarbon olefins are evolved above 250° C.

| HAZARDOUS POLYMERIZATION | | | CONDITIONS TO AVOID |
|---|---|---|---|
| | MAY OCCUR | | |
| | WILL NOT OCCUR | X | |

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

While spill or leakage cannot occur, disposal must comply with local, state and federal regulations.

WASTE DISPOSAL METHOD

## SECTION VIII - SPECIAL PROTECTION INFORMATION

Not Applicable

RESPIRATORY PROTECTION *(Specify type)*

| VENTILATION | | |
|---|---|---|
| | LOCAL EXHAUST | SPECIAL |
| | MECHANICAL *(General)* | OTHER |

| PROTECTIVE GLOVES | EYE PROTECTION |
|---|---|

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

No special precaution is required in normal storage or handling. However, at temperatures above 250° C, toxic gaseous materials can be evolved.

OTHER PRECAUTIONS



Form OSHA-20
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