



Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • Norton® PFA Film, Chemfluor® PFA Tubing, Chemware® PFA Bottles
- Synonyms** • Perfluoroalkoxy Polyer; PFA
- Product Code** • 5.0.0.20

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)** • High temperature film laminates, release liners, chemical resistance applications, high purity fluid handling, non-stick surface coverings, lab ware

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • Saint-Gobain Performance Plastics Corporation
150 Dey Road
Wayne, NJ 07470
United States

Telephone (General) • WANJ.SDS@saint-gobain.com
973-696-4700

1.4 Emergency telephone number

- Manufacturer** • 800-424-9300 - Chemtrec
- Manufacturer** • +01-813-248-0585 - Worldwide

Section 2: Hazards Identification

EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP** • Not classified
- DSD/DPD** • Not classified

2.2 Label Elements

- CLP**
- Hazard statements** • No label element(s) required
- DSD/DPD**
- Risk phrases** • No label element(s) required

2.3 Other Hazards

- CLP** • This material is exempt from CLP/REACH obligations as an article as specified in

- DSD/DPD**
- REACH (1907/2006) and related ECHA guidance.
 - Under European Directive 67/548/EEC these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use.

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

- OSHA HCS 2012
- Not classified

2.2 Label elements

- OSHA HCS 2012
- Hazard statements**
- No label element(s) required

2.3 Other hazards

- OSHA HCS 2012
- Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use.

2.4 Other information

- As an article this material does not legally require an SDS.

Section 3 - Composition/Information on Ingredients

3.1 Substances

Composition		
Chemical Name	Identifiers	%
Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	CAS:26655-00-5	100%

3.2 Mixtures

- Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If signs/symptoms develop, move person to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Wash skin with soap and water. If signs/symptoms develop, get medical attention.

Eye

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If contact with material occurs flush eyes with water. If signs/symptoms develop, get medical attention.

Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions

and as recommended. If signs/symptoms develop, get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Under normal conditions of use, no health effects are expected.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- No specific actions or treatments recommended related to exposure to this material.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • Water fog, carbon dioxide, foam, dry chemical.

Unsuitable Extinguishing Media • No data available.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Does not burn without external source of fuel. Fluoropolymers can increase the relative toxic properties of the gases evolved during a fire.

Hazardous Combustion Products • No data available

5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

Emergency Procedures • No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. Use normal clean up procedures.

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Carefully shovel or sweep up spilled material and place in suitable container.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling • Use good safety and industrial hygiene practices. Product is physiologically inert and non-toxic at normal temperatures. Above 270° C, some decomposition of PFA products can be expected with evolution of gaseous and particulate products, which are toxic if inhaled. This can give rise to a characteristic syndrome with influenza type symptoms known as "polymer fume fever". These symptoms subside within 24-48 hours away from further exposure with no long-term effects. Keep away from ignition sources- do not smoke while using Fluoropolymers.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Store in a cool, dry place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines

- This is a solid product in which all components are encapsulated presenting no volatile, dust, or exposure hazards.

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- No respiratory protection is required under normal conditions and use.

Eye/Face

- No eye protection is ordinarily required under normal conditions of use.

Skin/Body

- No skin protection is ordinarily required under normal conditions of use.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Transparent or translucent plastic film.
Color	Transparent or translucent.	Odor	Data lacking
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	302 to 310 C(575.6 to 590 F)
Decomposition Temperature	Thermal degradation can begin at 270 C	pH	Not relevant
Specific Gravity/Relative Density	2.12 to 2.17 Water=1	Water Solubility	Negligible < 0.1 %
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Does not flash	UEL	Not relevant
LEL	Not relevant	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable Thermal degradation can begin at 270°C.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid exposure to open flame or temperatures exceeding recommended processing temperatures.

10.5 Incompatible materials

- Reacts with molten alkali metals and interhalogen compounds. Will burn in atmosphere of 95% oxygen when an ignition source is present.

10.6 Hazardous decomposition products

- Thermal decomposition will evolve hydrogen fluoride and perfluoroolefins.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Aspiration Hazard	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Carcinogenicity	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Germ Cell Mutagenicity	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Skin corrosion/Irritation	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Skin sensitization	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
STOT-RE	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
STOT-SE	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Toxicity for Reproduction	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant

Respiratory sensitization	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant
Serious eye damage/Irritation	EU/CLP • Not relevant OSHA HCS 2012 • Not relevant

Potential Health Effects

Inhalation

- Acute (Immediate) • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Skin

- Acute (Immediate) • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Eye

- Acute (Immediate) • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Ingestion

- Acute (Immediate) • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed) • Under normal conditions of use, no health effects are expected.

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessments have not been carried out.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

- Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user • None specified.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Data lacking.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

State Right To Know				
Component	CAS	MA	NJ	PA
Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	No	No	No

Inventory						
Component	CAS	Australia AICS	Canada DSL	Canada NDSL	China	EU EINECS
Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Yes	Yes	No	Yes	No

Inventory (Con't.)						
Component	CAS	EU ELNICS	Japan ENCS	Korea KECL	New Zealand	Philippines PICCS
Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	No	Yes	Yes	Yes	Yes

Inventory (Con't.)			
Component	CAS	Switzerland SWISS	TSCA
Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	No	Yes

Australia

Labor

Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - High Volume Industrial Chemicals List

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - List of Designated Hazardous Substances - Classification

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - Work Health and Safety Regulations - Threshold Quantity at Major Hazard Facilities (Table 15.1)

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - Work Health and Safety Regulations - Threshold Quantity at Major Hazard Facilities (Table 15.2)

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - Western Australia - Hazardous Substances Prohibited for Specified Uses

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - Western Australia - Hazardous Substances Requiring Health Surveillance

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Environment**Australia - National Pollutant Inventory (NPI) Substance List**

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - Ozone Protection Act - Scheduled Substances

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Australia - Priority Existing Chemical Program

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Belgium**Labor****Belgium - Substances and Preparations - Carcinogens and Mutagens**

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Belgium - Substances and Preparations - Suspected Carcinogens and Mutagens

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Canada**Labor****Canada - WHMIS - Classifications of Substances**

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Canada - WHMIS - Ingredient Disclosure List

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Environment**Canada - CEPA - Priority Substances List**

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Canada British Columbia**Environment****Canada - British Columbia - Ozone Depleting Substances**

- Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Canada Manitoba

Environment

Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 1

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 2

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada Nova Scotia

Environment

Canada - Nova Scotia - Ozone Layer Protection Regulations

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada Ontario

Environment

Canada - Ontario - Airborne Contaminant Reporting - Table 2A

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada - Ontario - Airborne Contaminant Reporting - Table 2B

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 1 Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 2 Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Halocarbons

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Canada Yukon

Environment

Canada - Yukon - Ozone Depleting Substances and Other Halocarbons

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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China

Other

China - Annex I & II - Controlled Chemicals Lists

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Denmark

Environment

Denmark - Advisory List for Self-Classification of Dangerous Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Denmark - List of Undesirable Substances - Product Groups/Function

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Denmark - List of Undesirable Substances - Reason for Selection

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - Hazardous Substances Restricted or Prohibited in Electrical Equipment (2011/65/EU) (RoHS)

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Other Ingredients

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

EU - Inventory of Cosmetic Ingredients Directive (INCI) (76/768/EEC) - Perfume and Aromatic Materials

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany

Labor

Germany - Immission Control - Qualifying Quantities for Major Accident Prevention

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - Immission Control - Qualifying Quantities for Safety Reporting

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - TRGS 505 - Specific Lead Regulations

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Environment

Germany - TA Luft - Types and Classes

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - TA Luft - Emission Limits for Fibers

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer 26655-00-5 Not Listed

Germany - TA Luft - Emission Limits for Inorganic Gases

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Germany - TA Luft - Emission Limits for Organic Substances		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Germany - Water Classification (VwVwS) - Annex 1		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Germany - Water Classification (VwVwS) - Annex 3		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed

Greece

Labor

Greece - Substances Prohibited from Use in the Workplace

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Hong Kong

Labor

Hong Kong - Dangerous Substances Regulations - Classification

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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India

Environment

India - Hazardous Chemical Rules - List of Hazardous and Toxic Chemicals

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Indonesia

Environment

Indonesia - Hazardous Waste from Non-Specific Sources

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Indonesia - Hazardous Waste from Specific Sources

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Indonesia - Odour Level Standards

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Indonesia - Hazardous Waste from Overdue Chemicals

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Japan

Labor

Japan - ISHL Dangerous Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Japan - ISHL Designated Carcinogens

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Japan - ISHL Harmful Substances Prohibited for Manufacture

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Harmful Substances Requiring Workers to Subject to Medical Exams		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Harmful Substances Subject to Obtaining Permission for Manufacturing		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Harmful Substances Whose Names Are to be Indicated on the Label		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Prevention of Lead Poisoning		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Mutagens - Existing Chemicals		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Mutagens - New Chemicals		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Notifiable Substances		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - ISHL Prevention of Organic Solvent Poisoning		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed

Environment

Japan - Air Pollution Control Law - Emission Standards for Air Pollutants		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Japan - Pollutant Release Transfer Register (PRTR) - Class 2 Substances		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed

Malaysia

Labor

Malaysia - Control of Industrial Major Accident Hazards - Threshold Quantities		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Malaysia - Occupational Safety & Health - Risk Phrases		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Malaysia - Occupational Safety & Health - Safety Phrases		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Malaysia - Occupational Safety & Health Conc. Cut-Offs for Corrosive Category		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
Malaysia - Occupational Safety & Health Conc. Cut-Offs for Harmful Category		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed

Malaysia - Occupational Safety & Health Conc. Cut-Offs for Irritant Category

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Occupational Safety & Health Conc. Cut-Offs for Toxic Category

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Occupational Safety & Health Conc. Cut-Offs for Very Toxic Category

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Occupational Safety and Health - Prohibition of Use of Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Environment**Malaysia - Chlorofluorocarbons (CFCs) Prohibition Order**

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Clean Air Regulations - Noxious and Offensive Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Scheduled Wastes

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Scheduled Wastes of Potential Incompatibility

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Environmental Quality (Industrial Effluent) Regulations - Fifth and Eighth Schedules

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Environmental Quality (Industrial Effluent) Regulations - Ninth Schedule

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Other**Malaysia - Pesticides Act - List of Active Ingredients**

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Psychotropic Substances - Psychotropics Requiring Export Authorization

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Malaysia - Substances Requiring Medical Surveillance

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Netherlands**Other****Netherlands - List of Carcinogens**

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Netherlands - Major Accidents - Qualifying Quantities for Accident Prevention

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Netherlands - Major Accidents - Qualifying Quantities for Safety Reporting

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Portugal

Other**Portugal - Prohibited Substances**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Russia**Labor****Russia - Limiting Quantities of Hazardous Substances**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Singapore**Labor****Singapore - Workplace Safety and Health (Medical Examinations) Regulations 2011**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Environment**Singapore - Air Impurities Emission Limits**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Singapore - Dioxins/Furans Toxic Equivalency Factors (TEF)

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Singapore - Hazardous Substance Transport Quantities

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Singapore - List of Hazardous Substances

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Other**Singapore - Chemical Weapons - Schedule of Chemical Weapons**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Singapore - Corrosive and Explosive Substances - Corrosive Substances

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

South Africa**Labor****South Africa - General Machinery Regulations - Notifiable Substances**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

United Kingdom**Environment****United Kingdom - Pollution Inventory - Schedule 1 - Thresholds for Releases to Air**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

Other**United Kingdom - Major Accidents - International Toxic Equivalent Factors (ITEF)**

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

United Kingdom - Major Accidents - Qualifying Quantities for Accident Prevention

- | | | |
|---|------------|------------|
| • Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer | 26655-00-5 | Not Listed |
|---|------------|------------|

United Kingdom - Major Accidents - Qualifying Quantities for Safety Reporting

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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United Kingdom - Workplace Exposure Limits (WELs) - Substances in Review

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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United Kingdom - List of Dangerous Substances in Water

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - OSHA - Specifically Regulated Chemicals

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CWA (Clean Water Act) - Hazardous Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CWA (Clean Water Act) - Priority Pollutants

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CWA (Clean Water Act) - Reportable Quantities of Designated Hazardous Substances

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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U.S. - CWA (Clean Water Act) - Toxic Pollutants

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
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United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
U.S. - California - Proposition 65 - Developmental Toxicity		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
• Tetrafluoroethylene-perfluoro (propylvinyl ether) copolymer	26655-00-5	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Last Revision Date	• 15/October/2014
Preparation Date	• 15/October/2014
Disclaimer/Statement of Liability	• The information and recommendations set forth herein are taken from sources believed to be accurate as to the data hereof; however, Saint-Gobain Performance Plastics makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assures no liability to any user thereof.

Key to abbreviations

NDA = No Data Available