PTFE TAPE THREAD SEALANT

Safety Data Sheet

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

1.1 Product identifier
Product Name  • PTFE Tape

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified use(s)  • The tape is intended as an antiseize and sealant of pipe threads of liquid and gaseous oxygen systems of 2,000 psi or less.
Use(s) advised against  • Incompatible with molten alkali metals, fluorine and other halogens, strong oxidizing agents.

1.3 Details of the supplier of the safety data sheet
Manufacturer  • Plastic Process Equipment
8303 Corporate Park Dr.
Macedonia, OH 44056
United States

Telephone (General)  • 216-367-7000

1.4 Emergency telephone number
Manufacturer  • (800)-535-5053

Section 2: Hazards Identification

EU/EEC
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  • According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.
DSD/DPD  • This product is not considered dangerous under the European Directive 67/548/EEC
UN GHS
According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

2.1 Classification of the substance or mixture
UN GHS
- Not classified

2.2 Label elements
UN GHS
Hazard statements
- No label element(s) required

2.3 Other hazards
UN GHS
- According to the Globally Harmonized System for Classification and Labeling (GHS) this product is not considered hazardous.

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
- This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Canada
According to: WHMIS

2.1 Classification of the substance or mixture
WHMIS
- Not classified

2.2 Label elements
WHMIS
- No label element(s) required.

2.3 Other hazards
WHMIS
- In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTFE Tape</td>
<td></td>
<td></td>
<td></td>
<td>UN GHS: Not Classified</td>
<td></td>
</tr>
</tbody>
</table>
3.2 Mixtures

- Material does not meet the criteria of a mixture.

Section 4 - First Aid Measures

4.1 Description of first aid measures

**Inhalation**
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

**Skin**
- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

**Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not rub eyes. If eye irritation persists: Get medical advice/attention.

**Ingestion**
- If swallowed, seek medical advice immediately and show this container or label.

4.2 Most important symptoms and effects, both acute and delayed
- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
- Unlikely to cause ill effects. Inhaling fumes of decomposition products can cause temporary influenza-like symptoms are described as "polymer fume fever". Symptoms include fever, cough and malaise.

Section 5 - Firefighting Measures

5.1 Extinguishing media

**Suitable Extinguishing Media**
- SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- LARGE FIRE: Water spray, fog or regular foam.

**Unsuitable Extinguishing Media**
- No data available.

5.2 Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards**
- Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

**Hazardous Combustion Products**
- At temperatures above 700ºF/371ºC, may produce decomposition products containing carbon monoxide, carbon dioxide, hydrogen.

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

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions**
- Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Emergency Procedures**
- Keep unauthorized personnel away. Stay upwind.

6.2 Environmental precautions
6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Stop leak if you can do it without risk.
- SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
- LARGE SPILLS: Dike far ahead of liquid spill for later disposal. Wash spill area with appropriate cleaner.

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. Avoid prolonged skin contact. Avoid contact with eyes. No smoking while handling material. PTFE transferred to tobacco products can cause Polymer Fume Fever which exhibits flu like symptoms. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Store in a cool, dry place for optimal product performance. Store away from oxidizers. May decompose when heated above 700°F/371°C.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Exposure Limits/Guidelines</th>
<th>Result</th>
<th>ACGIH</th>
<th>Canada Ontario</th>
<th>Canada Quebec</th>
<th>China</th>
<th>Korea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polytetrafluoroethylene as Particulates not otherwise classified (PNOC)</td>
<td>STELs</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>16 mg/m3 STEL (free SiO2 &lt;10%, except asbestos and toxic substances. Use PC-STEL of silica When free SiO2 &gt;10%, total) as Particulates not otherwise classified (PNOC)</td>
<td>Not established</td>
</tr>
<tr>
<td>TWAs</td>
<td>10 mg/m3 TWA (inhaleable particles, recommended); 3 mg/m3 TWA (respirable particles, recommended) as Particulates not otherwise classified (PNOC)</td>
<td>10 mg/m3 TWA (inhaleable); 3 mg/m3 TWA (respirable) as Particulates not otherwise classified (PNOC)</td>
<td>2.5 mg/m3 TWAEV (decomposition products; determine quantitatively the decomposition products in the air and express the results as Fluorides, listed under Polytetrafluoroethylene decomposition products)</td>
<td>8 mg/m3 TWA (free SiO2 &lt;10%, except asbestos and toxic substances. Use PC-TWA of silica When free SiO2 &gt;10%, total) as Particulates not otherwise classified (PNOC)</td>
<td>10 mg/m3 TWA (no more than 1% crystalline silica, Serial No. 717) as Particulates not otherwise classified (PNOC)</td>
<td></td>
</tr>
</tbody>
</table>
### Exposure Limits/Guidelines (Con't.)

<table>
<thead>
<tr>
<th>Result</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polytetrafluoroethylene TWAs</td>
<td>15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction) as Particulates not otherwise classified (PNOC)</td>
</tr>
</tbody>
</table>

### 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**
  - Use of a NIOSH approved organic vapor respirator when the product is being used in high temperature applications.
- **Eye/Face**
  - Use good standard practices when using this material.
- **Skin/Body**
  - Use good standard practices when using this material.

#### Environmental Exposure Controls
- Follow best practice for site management and disposal of waste.

### Key to abbreviations
- ACGIH = American Conference of Governmental Industrial Hygiene
- NIOSH = National Institute of Occupational Safety and Health
- OSHA = Occupational Safety and Health Administration
- STEL = Short Term Exposure Limits are based on 15-minute exposures
- TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
- TWA EV = Time-Weighted Average Exposure Value

### Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
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<tbody>
<tr>
<td><strong>Physical Form</strong></td>
<td>Solid</td>
</tr>
<tr>
<td><strong>Appearance/Description</strong></td>
<td>Natural (white)</td>
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<tr>
<td><strong>Color</strong></td>
<td>Natural (white)</td>
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<td><strong>Odor Threshold</strong></td>
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<tr>
<td><strong>Boiling Point</strong></td>
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<td><strong>Decomposition Temperature</strong></td>
<td>&gt; 700 °F (³ 371.1111 °C)</td>
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<td><strong>Specific Gravity/Relative Density</strong></td>
<td>2.1 to 2.2 Water=1</td>
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<td><strong>Viscosity</strong></td>
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<tr>
<td><strong>Oxidizing Properties:</strong></td>
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<tr>
<td><strong>Vapor Pressure</strong></td>
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<tr>
<td><strong>Evaporation Rate</strong></td>
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<tr>
<td><strong>VOC (Vol.)</strong></td>
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<tr>
<td><strong>Volatiles (Vol.)</strong></td>
<td>0 %</td>
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<tr>
<td><strong>Flash Point</strong></td>
<td>Data lacking</td>
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<tr>
<td><strong>Oxidizing Properties:</strong></td>
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</tr>
<tr>
<td><strong>Dynamic Properties:</strong></td>
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<tr>
<td><strong>Oxidizing Properties:</strong></td>
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<tr>
<td><strong>Flammability</strong></td>
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<td><strong>Flash Point</strong></td>
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<tr>
<td><strong>UEL</strong></td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

- Note: Listed properties are for informational purposes only and may not be complete or accurate. For specific applications, consult a professional or the manufacturer for guidance.

Preparation Date: 01/June/2004
Revision Date: 22/June/2015

Format: EU CLP/REACH Language: English (US)
WHMIS, UN GHS, EU CLP, EU DSD/DPD, OSHA HCS 2012

Page 5 of 14
<table>
<thead>
<tr>
<th>Property</th>
<th>EU/CLP</th>
<th>OSHA HCS 2012</th>
<th>UN GHS</th>
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<tr>
<td>Acute toxicity</td>
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<td>Data lacking</td>
<td>Data lacking</td>
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<td>Aspiration Hazard</td>
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<td>Data lacking</td>
<td>Data lacking</td>
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<tr>
<td>Carcinogenicity</td>
<td>Data lacking</td>
<td>Data lacking</td>
<td>Data lacking</td>
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<tr>
<td>Germ Cell Mutagenicity</td>
<td>Data lacking</td>
<td>Data lacking</td>
<td>Data lacking</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>Data lacking</td>
<td>Data lacking</td>
<td>Data lacking</td>
</tr>
</tbody>
</table>

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

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- May give off hazardous fumes at temperatures above 392°F/200°C

10.5 Incompatible materials

- Relatively inert, as long as it is used at temperatures not exceeding 550°F.

10.6 Hazardous decomposition products

- Carbon monoxide, carbon dioxide, hydrogen fluoride, and toxic organo-fluorine compounds.

Section 11 - Toxicological Information

11.1 Information on toxicological effects
Potential Health Effects

Inhalation
- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: No data available.

Skin
- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: No data available.

Eye
- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: No data available.

Ingestion
- **Acute (Immediate)**: Under normal conditions of use, no health effects are expected.
- **Chronic (Delayed)**: No data available.

Section 12 - Ecological Information

12.1 Toxicity
- No known ecological effects.

12.2 Persistence and degradability
- Not established.

12.3 Bioaccumulative potential
- No known adverse bioaccumulation or biomagnification effects.

12.4 Mobility in Soil
- Not applicable.

12.5 Results of PBT and vPvB assessment
- No PBT and vPvB assessment has been conducted.
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

<table>
<thead>
<tr>
<th>DOT</th>
<th>14.1 UN number</th>
<th>14.2 UN proper shipping name</th>
<th>14.3 Transport hazard class(es)</th>
<th>14.4 Packing group</th>
<th>14.5 Environmental hazards</th>
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</thead>
<tbody>
<tr>
<td>NDA</td>
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<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
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<tr>
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<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
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<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
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</tr>
<tr>
<td>NDA</td>
<td>NDA</td>
<td>Not Regulated</td>
<td>NDA</td>
<td>NDA</td>
<td>NDA</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>MA</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polytetrafluoroethylene</td>
<td>9002-84-0</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

State Right To Know

<table>
<thead>
<tr>
<th>Inventory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inventory (Con't.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>Polytetrafluoroethylene</td>
</tr>
</tbody>
</table>

Australia

Labor

- Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring
  - Polytetrafluoroethylene 9002-84-0 Not Listed
### Australia - High Volume Industrial Chemicals List
- Polytetrafluoroethylene 9002-84-0 Not Listed

### Australia - List of Designated Hazardous Substances - Classification
- Polytetrafluoroethylene 9002-84-0 Not Listed

### Environment
- Australia - National Pollutant Inventory (NPI) Substance List
  - Polytetrafluoroethylene 9002-84-0 Not Listed
- Australia - Ozone Protection Act - Scheduled Substances
  - Polytetrafluoroethylene 9002-84-0 Not Listed
- Australia - Priority Existing Chemical Program
  - Polytetrafluoroethylene 9002-84-0 Not Listed

### Canada
**Labor**
- Canada - WHMIS - Classifications of Substances
  - Polytetrafluoroethylene 9002-84-0 Uncontrolled product according to WHMIS classification criteria
- Canada - WHMIS - Ingredient Disclosure List
  - Polytetrafluoroethylene 9002-84-0 Not Listed

### Environment
- Canada - CEPA - Priority Substances List
  - Polytetrafluoroethylene 9002-84-0 Not Listed

### Europe
**Other**
- EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification
  - Polytetrafluoroethylene 9002-84-0 Not Listed
- EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits
  - Polytetrafluoroethylene 9002-84-0 Not Listed
- EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling
  - Polytetrafluoroethylene 9002-84-0 Not Listed
- EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations
  - Polytetrafluoroethylene 9002-84-0 Not Listed
- EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases
  - Polytetrafluoroethylene 9002-84-0 Not Listed

### Japan
**Labor**
- Japan - ISHL Dangerous Substances
  - Polytetrafluoroethylene 9002-84-0 Not Listed
Japan - ISHL Designated Carcinogens
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Harmful Substances Prohibited for Manufacture
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Harmful Substances Requiring Workers to Subject to Medical Exams
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Harmful Substances Subject to Obtaining Permission for Manufacturing
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Harmful Substances Whose Names Are to be Indicated on the Label
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Prevention of Lead Poisoning
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Mutagens - Existing Chemicals
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Mutagens - New Chemicals
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - ISHL Notifiable Substances
• Polytetrafluoroethylene 9002-84-0 Not Listed

Environment

Japan - Air Pollution Control Law - Emission Standards for Air Pollutants
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Annual Air Quality
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Daily Air Quality
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Groundwater
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Hourly Air Quality
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Soil Pollution
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Public Water/Groundwater - Monitored Substances and Guideline Values
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Environmental Quality Standards - Public Water - Protection of Human Health
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Fluorocarbons Recovery and Destruction Law
• Polytetrafluoroethylene 9002-84-0 Not Listed

Japan - Offensive Odor Regulations - Specified Offensive Odor Substances - Maximum Permissible Concentration (MPCs)
• Polytetrafluoroethylene  

Japan - Ozone Depleting Substances - Annex A Group I
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex A Group II
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex B Group I
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex B Group II
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex B Group III
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex C Group I
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex C Group II
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex C Group III
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Ozone Depleting Substances - Annex E Group I
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Pollutant Release Transfer Register (PRTR) - Class 1 Substances
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Pollutant Release Transfer Register (PRTR) - Class 2 Substances
• Polytetrafluoroethylene  9002-84-0 Not Listed

Inventory - Japan - Industrial Safety and Health Law Substances (ISHL)
• Polytetrafluoroethylene  9002-84-0 Not Listed

Other
Japan - Drinking Water Quality Standards - Supplied Water Quality Standard Values
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Drinking Water Quality Standards - Quality Control Guideline Values
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Drinking Water Quality Standards - Quality Control Guideline Values - Pesticides
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Chemical Substance Control Law (CSCL) - Examined Existing Chemical Substances
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Fire Service Law - Hazardous Materials
• Polytetrafluoroethylene  9002-84-0 Not Listed

Japan - Harmful Substances in Household Products
<table>
<thead>
<tr>
<th>Category</th>
<th>Substance</th>
<th>CAS Number</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Japan - ISHL Prevention of Tetraalkyl Lead Poisoning</td>
<td>Polytetrafluoroethylene</td>
<td>9002-84-0</td>
<td>Not Listed</td>
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<tr>
<td>Japan - Japanese Pharmacopoeia Listing - Synthetics</td>
<td>Polytetrafluoroethylene</td>
<td>9002-84-0</td>
<td>Not Listed</td>
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<tr>
<td>Japan - Japanese Pharmacopoeia Listing - Naturally Occurring Substances</td>
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<tr>
<td>Japan - Chemical Substance Control Law (CSCL) - Monitoring Chemical Substances</td>
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<td>9002-84-0</td>
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<tr>
<td>Japan - Poisonous and Deleterious Substances</td>
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<tr>
<td>Japan - Chemical Substance Control Law (CSCL) - Specified Chemical Substances</td>
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<tr>
<td>Japan - Poisonous and Deleterious Substances - Substances Not Considered Deleterious</td>
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<tr>
<td>Japan - Poisonous and Deleterious Substances - Substances Not Considered Poisonous</td>
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<td>9002-84-0</td>
<td>Not Listed</td>
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<td>Japan - ISHL Working Environment Evaluation Standards - Administrative Control Levels</td>
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<td>9002-84-0</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

**Korea**

**Labor**

- Korea - ISHA - Harmful Substances Prohibited for Manufacturing, Importing, Transferring, or Supplying
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|
- Korea - ISHA - Harmful Substances Requiring Permission
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|
- Korea - ISHA - Name, Toxicity and Protective Measures of New Chemical Substances
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|

**Environment**

- Korea - MOE - Toxic Chemicals Control Act (TCCA) - Observational Chemicals
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|

**Other**

- Korea - MOE - Toxic Chemicals Control Act (TCCA) - Prohibited Chemicals
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|
- Korea - MOE - Toxic Chemicals Control Act (TCCA) - Restricted Chemicals
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|
- Korea - MOE - Toxic Chemicals Control Act (TCCA) - Toxic Chemicals
  - Polytetrafluoroethylene | 9002-84-0  | Not Listed|
## United States

### Labor

<table>
<thead>
<tr>
<th>Regulation</th>
<th>CAS Number</th>
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<tr>
<td>U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals</td>
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<tr>
<td>U.S. - OSHA - Specifically Regulated Chemicals</td>
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### Environment

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<tr>
<td>U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants</td>
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<td>U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities</td>
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<tr>
<td>U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities</td>
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<tr>
<td>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</td>
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<td>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs</td>
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<td>U.S. - CERCLA/SARA - Section 313 - Emission Reporting</td>
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<td>U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing</td>
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## United States - California

### Environment

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<td>U.S. - California - Proposition 65 - Carcinogens List</td>
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<td>U.S. - California - Proposition 65 - Developmental Toxicity</td>
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<td>U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)</td>
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<td>U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)</td>
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<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</td>
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<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</td>
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## United States - Pennsylvania

### Labor

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<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</td>
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</table>
15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

**Section 16 - Other Information**

<table>
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<tr>
<th>Last Revision Date</th>
<th>22/June/2015</th>
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<tr>
<td>Preparation Date</td>
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- The information herein is given in good faith but no warranty, expressed or implied, is made.

**Key to abbreviations**

- NDA = No data available