SAFETY DATA SHEET
TOMBO No. 9082 Naflon® seal Tape (PTFE Thread Seal Tape)

1. IDENTIFICATION OF THE HAZARDOUS CHEMICAL AND OF THE SUPPLIER

Product name Naflon Seal Tape
Synonyms Naflon® seal Tape
PTFE Thread Seal Tape

Manufacturer or Supplier's details Headquarters
Company SEAL TAPE, INC. IMPORTER
Address P O BOX 2683
PALOS VERDES, CA 90274,
Emergency telephone number 800-533-5646

2. HAZARD IDENTIFICATION

GHS Classification Not Applicable
GHS Label Element Not Applicable
Hazard pictograms Not Applicable
Signal word Not Applicable
Hazard statements Nonhazardous under recommended condition of handling. Caution!! The fumes produced when heated at high temperature are toxic. Exposure to thermodegradation products may cause influenza-like symptoms.

Precautionary statements Do not use over service temperature (260°C)
Other hazards which do not result in classification
No information available.

3. COMPOSITION & INFORMATION OF THE INGREDIENTS OF THE HAZARDOUS CHEMICAL

<table>
<thead>
<tr>
<th>Substance / Mixture</th>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Wt%</th>
<th>TLV</th>
<th>PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polytetrafluoroethylene (PTFE)</td>
<td>9002-84-0</td>
<td>90-100</td>
<td>not estab</td>
<td>not estab</td>
<td></td>
</tr>
</tbody>
</table>
4. FIRST-AID MEASURES

Inhalation: Not likely to be inhaled due to physical form. For processing fume inhalation irritation, leave contaminated area and breathe fresh air. If coughing, difficult breathing or any other symptoms develop, get medical attention.

Ingestion: Not a likely route of exposure

Skin contact: If contact with molten product occurs, treat as for thermal burn. Do not try to peel molten polymer from the skin. Get medical attention promptly.

Eye contact: If contact with molten product occurs, remove contact lenses at once. Immediately flush eyes with large quantities of water for at least 15 minutes. Get medical attention.

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammable properties: Non-flammable.

Suitable extinguishing media: Use that which is appropriate for the surrounding fire.

Unsuitable extinguishing media: Nil.

Unusual Fire & Explosion Hazard: Fluorocarbon polymers are non-flammable in air and will not propagate flame. However, under high temperature they can yield toxic particles, fumes and gases. In case of fire, escape to the windward.

Special protective equipment for firefighters: Persons exposed to thermal decomposition products of this material should wear self-contained breathing apparatus, full protective equipment, and also gloves made of chloroprene rubber.

6. ACCIDENTAL RELEASE MEASURE

Personal precautions, protective equipment & emergency procedure: Not Applicable.

Environmental precautions: Not Applicable.

Methods & materials for containment & cleaning up: Not Applicable.

7. HANDLING & STORAGE

Precautions for safe handling: Do not use over service temperature (260°C). In case Product is used over 260°C, ventilate well and do not inhale thermodegradation products.
8. Conditions for safe storage

Store in a cool, dry area away from heat and source of ignition.

EXPOSURE CONTROL AND PERSONAL PROTECTION

Airborne Exposure Limit

Not established. (see section 2 Composition/Information on Ingredients)

Engineering controls

Not required under recommended condition of handling. When used above 260°C, toxic fumes will be produced from thermal degradation and/or decomposition of fluorocarbon polymers and therefore proper ventilation equipment shall be installed and used.

Personal Protective Equipment

Eye/Face Protection

Not required under recommended condition of handling

Skin Protection

Not required under recommended condition of handling

Respiratory Protection

Not required under recommended condition of handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Solid

Colour

White, pink, blue, yellow

Odour

No odor

Odour Threshold

No data available

pH

Not applicable

Melting/Freezing point

327°C

Boiling point/range

No data available

Flash point

No data available

Evaporation rate

Not applicable

Flammability (solid/gas)

No data available

Upper explosion limit

No data available

Lower explosion limit

No data available

Vapour pressure

Not applicable

Relative vapour density

Not applicable

Relative density

Not applicable

Density

Not applicable

Solubility(ies)

No data available
### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Reactivity Chemical stability</td>
<td>No data available</td>
</tr>
<tr>
<td>Possibility of hazardous reaction</td>
<td>Nonhazardous under recommended condition of handling No data available</td>
</tr>
<tr>
<td>Condition to avoid</td>
<td>Do not use for gas sealing</td>
</tr>
<tr>
<td>Incompatible material</td>
<td>May react with molten alkali such as metal sodium, and fluorine at high temperature and pressure</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Above 260°C this product thermally degrades at a rate dependent on the temperature, releasing toxic materials</td>
</tr>
</tbody>
</table>

### 11. TOXICOLOGY INFORMATION

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute and chronic health hazard</td>
<td>No acute and chronic hazard under recommended conditions of storage and handling.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Unlikely to be hazardous by inhalation unless heated. The fumes produced when heated at high temperature are toxic. Exposure to thermodegradation products may cause influenza-like symptoms</td>
</tr>
<tr>
<td>Eye contact</td>
<td>No hazardous under recommended condition of handling.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>No hazardous under recommended condition of handling. Molten material can cause severe burns</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not identified</td>
</tr>
<tr>
<td>Special Hazard Information</td>
<td>Unheated fluorocarbon polymer product is inert, and there are no known instances of health hazard, when handling the unheated product. When heated at high temperature, it will thermally degrade, decompose and produce toxic fumes. Inhalation of such fumes will cause &quot;Polymer Fume Fever&quot;, which has symptoms very similar to influenza and can include headache, cough, fever, chills, chest discomfort. The symptoms do not occur until several hours after exposure and may pass within 36 to 48 hours, even in absence of treatment.</td>
</tr>
</tbody>
</table>
Carcinogenicity: Polytetrafluoroethylene is classified as IARC GROUP 3 (Not classifiable as its carcinogenicity to humans)

12. ECOLOGICAL INFORMATION

Ecological testing has not been conducted on this product.

13. DISPOSAL INFORMATION

Do not incinerate.
Comply with all federal, state and local regulations.

14. TRANSPORTATION INFORMATION

Follow all regulation in your country. International Dangerous Goods Information;
IMO : Not regulated as dangerous goods according to the IMDG Code
ICA : Not regulated as dangerous goods according to the IACO Technical Instructions

15. REGULATORY INFORMATION

Follow all regulations in your country

16. OTHER INFORMATION

SDS preparation date 08.07.15
Date of revision 08.07.20

References
1 ACGIH 2009 Threshold Limit Value for chemical Substances and Physical Agents (2009)
3 PTFE FLUOROCARBON RESIN, ALL GRADES LISTED ON PL0016126° MSDS,
   Canada Centre of Occupational Health and Safety
4 Guide to the Safe Handling of Fluoropolymer Resin 3rd Edition : The Society of the