## SAFETY DATA SHEET
### PROTAPE

**Date of Issue:**
5/10/15

**Identification of Product:** Rubber Adhesive Tape

**Trade Name:** PROTAPE

**Manufacturer/Supplier:** Aeroflex USA, Inc.
282 Industrial Park Road
Sweetwater, TN 37874

**Telephone:** Toll Free 866-AEROCEL (237-6235)
**Fax Number:** (423)351-7368
**Email Address:** sales@aeroflexusa.com

### 2. HAZARD IDENTIFICATION

**Inhalation**
No significant signs of any adverse health hazard are expected to occur as a result of inhalation exposure

**Eye Contact**
No significant signs of any adverse health hazards are expected to occur as a result of eye contact

**Ingestion**
Practically non-toxic

**Skin Contact**
No Significant signs of any adverse health hazards are expected to occur as a result of skin contact

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Health Hazardous Components**
This product is rubber type compound. It contains synthetic polymers, fillers, plasticizers and rubber chemicals. Since all of these materials are bound in a polymer matrix, this product does not qualify as a hazardous material as defined by OSHA (29 CFR 1910.1200.) Pressure sensitive coating is a synthetic rubber based adhesive with a paper release liner and is classified as an article which is not hazardous as defined by OSHA (29 CFR 1910.1200.) Following are the main ingredients in this product.

**Ethylene–Propylene–Terpolymer**

<table>
<thead>
<tr>
<th>Formal Name</th>
<th>EPT/EPDM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Family</td>
<td>Synthetic Rubber</td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>(- (C_2H_4)_X - (C_3H_7)_Y - (Diene)_Z -)</td>
</tr>
<tr>
<td>CAS no.</td>
<td>25038-36-2</td>
</tr>
</tbody>
</table>
## Aluminiurn Trihydrate

<table>
<thead>
<tr>
<th>Formal Name</th>
<th>Aluminium Oxide Trihydrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>Aluminium Trihydrate/Aluminium Hydroxide</td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>Al (OH)$_3$</td>
</tr>
<tr>
<td>CAS No.</td>
<td>21645-51-2</td>
</tr>
</tbody>
</table>

## Carbon Black

<table>
<thead>
<tr>
<th>Formal Name</th>
<th>Furnace Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>Carbon Black</td>
</tr>
<tr>
<td>Chemical Family</td>
<td>High-Purity Colloidal Carbon</td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>C</td>
</tr>
<tr>
<td>CAS No.</td>
<td>1333-86-4</td>
</tr>
</tbody>
</table>

## Adhesive

<table>
<thead>
<tr>
<th>Formal Name</th>
<th>Acrylic Pressure Sensitive Adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>Acrylic Polymer</td>
</tr>
<tr>
<td>Chemical Family</td>
<td>Copolymers of acrylic acid, methacrylic acid, ester of these acid.</td>
</tr>
<tr>
<td>Chemical Formula</td>
<td>(C$_5$H$_8$O$_2$)$_n$</td>
</tr>
<tr>
<td>CAS No.</td>
<td>90011-14-7</td>
</tr>
</tbody>
</table>

### 4. FIRST AID MEASURES

#### Inhalation
Not required under normal use. If irritation persists, remove from exposure area.

#### Eye Contact
No required under normal use. Flush with water until all traces of the material are done. Seek medical attention if irritation persists.

#### Ingestion
If illness or adverse symptoms develop, obtain medical attention.

#### Skin Contact
Not required under normal use.

### 5. FIRE–FIGHTING MEASURES

#### Extinguishing Media
Carbon Dioxide, ABC dry chemical, Water spray and foam.

#### Specific Hazards with regard to Fire–Fighting measures
Approach from upwind side. Avoid breathing smoke, fumes or vapors on downwind side. Firefighters wear protective clothing, especially eye protection, and self contained breathing apparatus.

#### Hazardous Combustion Products
Material may generate Carbon Monoxide, Carbon Dioxide, low molecular weight alcohols, aldehydes and acids.
6. ACCIDENTAL RELEASE MEASURES

If materials released/Spill

Land Spill:
Collect spilled material and place it in an appropriate container for reuse or disposal

Water Spill:
Product is insoluble. Collect spilled material and place in an appropriate container for reuse or disposal

Neutralizing Agent:
Negligible

7. HANDLING AND STORAGE

Keep in a cool dry place. Rotate Stock.
Do not breathe decomposed products

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: General ventilation
Personal Protection Negligible

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Rubber tape with pressure sensitive adhesive
Tensile Strength: 2.5 N/mm²

10. STABILITY AND REACTIVITY

Stability and Reaction: Stable
Condition to Avoid: N/A
Hazardous Decomposition: May generate CO, CO₂, low molecular weight alcohols aldehydes and acids
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

No Data

12. ECOLOGICAL INFORMATION

No Data
13. DISPOSAL CONSIDERATION

Waste material may be disposed of in an approved landfill or may be incinerated under conditions which meet federal, state, and local environmental regulation.

14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated
Hazard class Negligible
Identification Number Negligible
DOT Emergency Guide # Negligible
Reported Quantity (RO) Negligible
International Negligible

15. REGULATORY INFORMATION

No Data

16. OTHER INFORMATION

The information supplied herein is related to material specified and may not be valid if used in combination with other material or process. Further the information contained here is believed to reliable and based on correct state of our knowledge. However no guarantees of any kind can be give as to its accuracy.