



**MATERIAL SAFETY DATA SHEET**

**TAC GEL CONDUCTIVE ADHESIVE**

**Section 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier Name: Pharmaceutical Innovations Inc  
Address: 897 Frelinghuysen Avenue, Newark, New Jersey USA  
07114  
Telephone : 973-242-2900  
Emergency: 973-242-2900  
Use(s): Electrically Conductive adhesive  
MSDS Date: 01/14/2014

**Section 2: HAZARDS IDENTIFICATIONS**

Hazardous

**Section 3: COMPOSITION**

**Ingredients:** Isopropanol (Alcohol) **CAS NO:** 67-63-0  
Cadmium  Lead  Mercury  Hexavalent Chromium  PBB & PBDE  
(RoHS Directive)  
These product is compliant with RoHS

**Section 4: FIRST AID MEASURES**

**Skin:** No Hazard  
**Inhalation:** Not expected  
**Ingestion:** Same effects as alcohol  
**IARC Monographs:** None  
**Primary routes of exposure:** Mild Irritation of eyes, nose and throat  
**Signs and Symptoms of Exposure:** Same signs as alcohol  
**Emergency and First Aid Procedures:** Same as alcohol

**Section 5: FIRE-FIGHTING MEASURES**

**Flammable Limits:** ND  
**Flash Point:** ND  
**Suitable Extinguishing Media:** All types  
Special Fire fighting procedures: Use- self contained breathing apparatus and protective clothing.

**Explosion Data:**

**Lower exposure limit:** N/A  
**Upper exposure limit:** N/A  
**Unusual fire and explosion hazards:** None

**Section 6: Accidental Release Measure**

**Accidental Release:** Eliminate all sources of ignition. Small spills should be flushed with large quantities of water. Large spills collected for disposal due to alcohol content.  
**Handling and storing:** None  
**Other precautions:** Keep away from heat, sparks and open flame. Avoid contact with eye.

**Section 7: HANDLING & STORAGE**

No special requirements and precautions required for safe handling and storage.

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** Not required  
**Eye Protection:** Not required  
**Protective Gloves:** Not Required  
**Other Protective Measures:** Not Required  
**Ventilation:** Not Required  
**Work/Hygienic Practices:** Normal

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

<u>Property</u>	<u>Values</u>
Melting/ Freezing Point	ND
Water solubility	complete
Boiling Point/ Boiling Range:	Alcohol evolves at 180°F
Vapor Density	ND
Appearance:	Light green, tack, thin gel
Odor:	Odor of alcohol
Density:	0.946 g/cc
Evaporation Rate	ND
Vapor Pressure	ND

**Section 10: STABILITY & REACTIVITY**

**Stability:** Stable  
**Hazardous Decomposition Products:** None  
**Hazardous Polymerization:** Will not occur  
**Incompatibility:** None

**Section 11: TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Not Expected  
**Carcinogenicity:** This product is not listed a carcinogen by OSHA, NTP, IARC, ACGIH or NIOSH

**Section 12 : ECOLOGICAL INFORMATION**

When properly used or disposed, this product does not present environmental hazard.

**Section 13: DISPOSAL CONSIDERATIONS**

For large quantity, incinerate in a furnace Where permitted under appropriate federal, state and local regulations.

**Section 14: TRANSPORT INFORMATION**

**Dot:** Not Applicable  
**Proper shipping name:** Not Applicable  
**TDG** Not Applicable  
**ICAO/IATA** Not Applicable  
**IMDG / IMO** Not Applicable  
**ADN** Not Applicable  
**Emergency guide number:** None/No reportable quantities  
**DOT hazardous substance requirements:** None/ No reportable Quantities  
**DOT Marine pollutants:** None/No reportable quantities  
**IATA Forbidden substances:** None/No reportable quantities

**Section 15: REGULATORY INFORMATION**

**OSHA** Complies  
**AICS** Complies

**Section 16: DISCLAIMER**

The application of the regulations can vary according to the aviation company; Pharmaceutical Innovations, Inc. therefore, highly recommends that you consult with the aviation company prior to transporting. This information has been compiled from sources considered to be reliable and to the best of our knowledge, accurate and reliable. However, Pharmaceutical Innovations, Inc does not accept liability for any loss or damage that may occur, direct or indirect, from using this information.