

# MATERIAL SAFETY DATA SHEET

**QUICK IDENTIFIER (IN PLANT COMMON NAME)**

**Manufacturer's Name :**  
**Address :**  
**Emergency Telephone No. :**  
**Date Revised :**

PT-16 OR PT-10  
 FAI International, Incorporated.  
 1084 Essex Avenue, Richmond, CA 94801  
 (510)232-0481  
 March 22, 2002

**SECTION I - IDENTITY**

**Trade Names and Synonyms :** PolyTech  
**Chemical Name and Family :** Single Component Polyurethane System  
**CAS # :** N/A (Mixture)  
**Formula:** Mixture of Polyol blend and Polymeric isocyanate  
**DOT Hazard Class/ID# :** Nonflammable gas/UN1956/Nonflammable gas  
**Surface Freight Classification :** Hazardous Material  
**NPCA-HMIS Hazard Index :**

Health	1	Flammability	0
Reactivity	0	Personal Protection	B, E

**SECTION II - HAZARDOUS INGREDIENTS**

Components	CAS#	% By Weight	OSHA	ACGIH
Polymeric Diisocyanate	9016-87-9	25 — 40	0.02 ppm Ceiling 10 ppm — IDLH	0.02 ppm Ceiling
Tris 2 - chloropropyl Phosphate	13674-84-5	10 — 20	---None Established---	
Polyether Polyols	Blend	25 — 35	---None Established---	
Silicone Surfactant	Blend	1 — 5	---None Established---	
Catalysts	Blend	0.2 — 2	---None Established---	
Chlorodifluoromethane	75-45-6	17 — 36	1000 ppm	1000 ppm

**SECTION III - PHYSICAL & CHEMICAL CHARACTERISTICS**

<b>Boiling Point</b>	Unknown	<b>Vapor Pressure @ 25.</b>	125 PSIG
<b>Percent Volatile By Volume</b>	30%	<b>Vapor Density (Air = 1)</b>	N/A
<b>Evaporation Rate</b>	N/A	<b>Solubility In Water</b>	Insoluble
<b>Reactivity In Water</b>	React with water	<b>Appearance and Odor</b>	White, Viscous, slightly aromatic

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

<b>Flash Point</b>	N/A	<b>Flammable Limits (in air % by volume)</b>	N/A
<b>Extinguisher Media</b>	Water, CO <sub>2</sub> foam	<b>Auto-Ignition Temperature</b>	N/A
<b>Unusual Fire and Explosion Hazards</b>	N/A		
<b>Special Fire Fighting Procedure</b>	Standardized fireman's body protection and breathing apparatus		

**SECTION V - REACTIVITY DATA**

**Stability** Avoid conditions with temperatures above 60°C and < 0°C  
**Material To Avoid** Amines and water  
**Hazardous Decomposition Products** Carbon Dioxide, nitrogen oxides, hydrocarbons  
**Hazardous Polymerization** Will not occur

**SECTION VI - HEALTH HAZARD DATA**

**Signs and Symptoms of Exposure:**  
**Acute Overexposure** "Sensitized", an allergic reaction, that can lead to asthma like symptoms  
**Chronic Overexposure** Irritation of the respiratory system  
**Aggravated Medical Condition** Chest discomfort, headache, breathlessness, eye irritation  
**OSHA Permissible Exposure Limit** Not defined  
**ACGIH Threshold Limit Used** Not defined  
**Other Exposure Limit Used** Not defined

**Emergency And First Aid Procedures**

<b>Inhalation</b>	Remove the affected person to fresh air, apply oxygen. If needed, keep at rest
<b>Eyes</b>	Flush with water for 15 minutes, call physician
<b>Skin</b>	Wash the skin with soap and water. Remove contaminated clothing and footwear
<b>Ingestion</b>	Will cause severe irritation, transfer at once to a medical facility for gastric lavage

**SECTION VII - SPECIAL PROTECTION INFORMATION**

<b>Respiratory Protection</b>	Respirator with NIOSH approved cartridge
<b>Local Exhaust</b>	Keep fresh air circulating
<b>Protective Gloves</b>	PVC Gloves
<b>Eye Protection</b>	Safety Goggles
<b>Other Protective Clothing or Equipment</b>	PVC Apron, Safety Shoes

**SECTION VIII - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

**Handling and Storage Precautions** Store between 4°C and 49°C in a dry place. Keep away from children.  
**Other Precautions** Always use normal protective equipment as described above especially for someone unfamiliar with the product  
**If Material Is Released Or Spilled** Clean up by using acetone, paint thinner, trichloroethane cured foam can only be removed mechanically from surface area (by scrapping).  
**Methods** To be disposed by methods defined by local and EPA regulations