

MATERIAL SAFETY DATA SHEET

QUICK IDENTIFIER (IN PLANT COMMON NAME) PT-16 OR PT-10

Manufacturer's Name :

FAI International, Incorporated.

Address :

1084 Essex Avenue, Richmond, CA 94801

Emergency Telephone No. :

(510)232-0481

Date Revised :

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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

Exposure Limits

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

Boiling Point Unknown

Percent Volatile By Volume 30%

Evaporation Rate N/A

Reactivity In Water React with water

Vapor Pressure @ 25.

125 PSIG

Vapor Density (Air = 1)

N/A

Solubility In Water

Insoluble

Appearance and Odor

White, Viscous, slightly aromatic

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point N/A

Extinguisher Media

Water, CO₂ foam

Unusual Fire and Explosion Hazards N/A

Special Fire Fighting Procedure

Standardized fireman's body protection and breathing apparatus

Flammable Limits (in air % by volume)

N/A

Auto-Ignition Temperature

N/A

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

Inhalation

Remove the affected person to fresh air, apply oxygen. If needed, keep at rest

Eyes

Flush with water for 15 minutes, call physician

Skin

Wash the skin with soap and water. Remove contaminated clothing and footwear

Ingestion

Will cause severe irritation, transfer at once to a medical facility for gastric lavage

SECTION VII - SPECIAL PROTECTION INFORMATION

Respiratory Protection

Respirator with NIOSH approved cartridge

Local Exhaust

Keep fresh air circulating

Protective Gloves

PVC Gloves

Eye Protection

Safety Goggles

Other Protective Clothing or Equipment

PVC Apron, Safety Shoes

SECTION VIII - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage

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).

Waste Disposal Methods

To be disposed by methods defined by local and EPA regulations