

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name</b>	<b>PolySpec 100EX Epoxy Primer - Resin/Side A</b>
<b>Version #</b>	1.0
<b>Revision date</b>	04-Mar-2009
<b>Company information</b>	PolySpec 6614 Gant Road Houston, TX 77066 US
<b>Emergency</b>	Chemtrec (800) 424-9300 International (703) 527-3887

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
P-Chloro-a,a,a-trifluorotoluene	98-56-6	< 2.5
Cardolite Lite 2020	8007-24-7	< 10
Non-hazardous and other components below reportable levels		> 80
<b>Composition comments</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

## 3. HAZARDS IDENTIFICATION

<b>Emergency overview</b>	Causes skin and eye burns.
<b>Potential short term health effects</b>	
<b>Eyes</b>	This product causes eye burns. Risk of serious damage to eyes.
<b>Skin</b>	Causes skin burns.
<b>Ingestion</b>	Do not ingest. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract.

## 4. FIRST AID MEASURES

<b>First aid</b>	
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.
<b>Skin contact</b>	Get medical attention immediately. Remove and isolate contaminated clothing and shoes. Immediately flush skin with running water for at least 20 minutes. For minor skin contact, avoid spreading material on unaffected skin.
<b>Inhalation</b>	Get medical attention immediately. Move to fresh air. Do not use mouth-to-mouth method if victim inhaled the substance. Oxygen or artificial respiration if needed.
<b>Ingestion</b>	If material is ingested, immediately contact a physician or poison control center. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Do not use mouth-to-mouth method if victim ingested the substance.
<b>General advice</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Immediate medical attention is required. Keep victim warm. In case of shortness of breath, give oxygen.

## 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media</b>	Small Fires: Dry chemical, CO <sub>2</sub> , water spray or regular foam.  Large Fires: Water spray, fog or regular foam.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do it without risk. Do not scatter spilled material with high pressure water streams. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. ALWAYS stay away from tanks engulfed in flame. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions.
<b>Flash point</b>	350 °F (176.7 °C) Pensky-Martens Closed Cup

## 6. ACCIDENTAL RELEASE MEASURES

<b>Evacuation procedures</b>	Stay upwind. Keep out of low areas. Keep unnecessary personnel away.
<b>Containment procedures</b>	Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.
<b>Personal precautions</b>	Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Environmental precautions</b>	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
<b>Methods for cleaning up</b>	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike far ahead of liquid spill for later disposal. Never return spills in original containers for re-use. Should not be released into the environment.

## 7. HANDLING AND STORAGE

<b>Handling</b>	Do not get this material in your eyes, on your skin, or on your clothing. Do not handle or store near an open flame, heat or other sources of ignition. Surfaces may become slippery after spillage.
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Do not freeze.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Personal protective equipment</b>	
<b>Respiratory protection</b>	A NIOSH- approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. In case of insufficient ventilation wear suitable respiratory equipment.
<b>Hand protection</b>	Protective gloves.
<b>Eye protection</b>	Wear chemical goggles. Face-shield.
<b>Skin and body protection</b>	Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear appropriate chemical resistant gloves. Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Wear suitable protective clothing.
<b>General</b>	Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Avoid contact with the skin and the eyes.
<b>Engineering measures to reduce exposure</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
<b>Hygiene measures</b>	Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. When using do not smoke.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>Density</b>	9.36 lbs/gal
<b>Form</b>	Liquid.
<b>Specific gravity</b>	1.12

## 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

<b>Stability</b>	Stable at normal conditions.
<b>Conditions to avoid</b>	Direct sources of heat.
<b>Incompatibility</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** Causes burns.

### Component analysis - LD50

#### NIOSH - Selected LD50s and LC50s

P-Chloro-a,a,a-trifluorotoluene 98-56-6 Oral LD50 Rat: 13 g/kg; Oral LD50 Mouse: 11500 mg/kg

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Components of this product have been identified as having potential environmental concerns.		
<b>Environmental effects</b>	Harmful to aquatic life.		
<b>Ecotoxicity - Microtox Data</b>			
P-Chloro-a,a,a-trifluorotoluene	98-56-6	5 Min EC50 Photobacterium phosphoreum: 11.1 mg/L; 15 min EC50 Photobacterium phosphoreum: 13.4 mg/L; 30 min EC50 Photobacterium phosphoreum: 14.3 mg/L	

## 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
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## 14. TRANSPORTATION INFORMATION

<b>Department of Transportation (DOT) Requirements</b>	Not regulated as dangerous goods.
<b>International Air Transport Association (IATA) Requirements</b>	Not regulated as dangerous goods.
<b>International Maritime Dangerous Goods (IMDG) Code Requirements</b>	Not regulated as dangerous goods.

## 15. REGULATORY INFORMATION

<b>US federal regulations</b>	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances - Not applicable.		
<b>Inventory - European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)</b>			
P-Chloro-a,a,a-trifluorotoluene	98-56-6	202-681-1	
<b>Inventory - United States - Section 8(b) Inventory (TSCA)</b>			
P-Chloro-a,a,a-trifluorotoluene	98-56-6	Present	
<b>Occupational safety and health administration (OSHA)</b>			
<b>29 CFR 1910.1200 hazardous chemical</b>	Yes		
<b>CERCLA (superfund) reportable quantity</b>	None		
<b>Superfund amendments and reauthorization act of 1986 (SARA)</b>			
<b>Section 302 extremely hazardous substance</b>	No		
<b>Section 311 hazardous chemical</b>	Yes		
<b>Hazard categories</b>	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No		
<b>NFPA ratings</b>	Health: 1 Flammability: 1 Instability: 0		
<b>State regulations</b>			
<b>Pennsylvania - RTK (Right to Know) List</b>			
P-Chloro-a,a,a-trifluorotoluene	98-56-6	environmental hazard	

## 16. OTHER INFORMATION

<b>Disclaimer</b>	The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.
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**Issue date**

04-Mar-2009