

1. PRODUCT AND COMPANY IDENTIFICATION

Product name **RezRok 105 Epoxy Patching Compound - Resin/Side A**
 Version # 1.0
 Revision date 17-Oct-2005
 Company information PolySpec
 6614 Gant Road
 Houston, TX 77066 US
 Emergency Chemtrec (800) 424-9300
 International (703) 527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component(s)	CAS #	Percent
Diglycidyl ether of Bisphenol-A	25068-38-6	< 90
Non-hazardous and other components below reportable levels		> 10
Composition comments	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

3. HAZARDS IDENTIFICATION

Emergency overview Irritating to eyes. May cause sensitization by skin contact. Irritating to skin.
 Potential short term health effects
 Eyes Causes eye irritation.
 Skin Irritating to skin. May cause sensitization by skin contact.
 Inhalation May cause irritation of respiratory tract.
 Ingestion Do not ingest.

4. FIRST AID MEASURES

First aid
 Eye contact Immediately flush eyes with plenty of water for at least 20 minutes.
 Skin contact Remove and isolate contaminated clothing and shoes. If skin irritation persists, call a physician. Wash off immediately with plenty of water. Immediately flush skin with running water for at least 20 minutes.
 Inhalation Call a physician if symptoms develop or persist. If breathing is difficult, give oxygen.
 Ingestion Drink plenty of water. Do not induce vomiting without medical advice.
 General advice Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Take off contaminated clothing and shoes immediately. If you feel unwell, seek medical advice (show the label where possible).

5. FIRE FIGHTING MEASURES

Suitable extinguishing media Small Fires: Dry chemical, CO2, water spray or regular foam.
 Large Fires: Water spray, fog or regular foam.
 Fire fighting equipment/instructions 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.
 Flash point 480 °F (248.9 °C) Pinsky-Martens Closed Cup

6. ACCIDENTAL RELEASE MEASURES

Evacuation procedures Stay upwind. Keep out of low areas. Keep unnecessary personnel away.
 Containment procedures 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.

Personal precautions	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.
Methods for cleaning up	Avoid dust formation. 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.

7. HANDLING AND STORAGE

Handling	Wear personal protective equipment. Avoid contact with eyes. Do not get this material in contact with skin or eyes. Do not handle or store near an open flame, heat or other sources of ignition. Surfaces may become slippery after spillage.
Storage	Keep in a cool, well-ventilated place. 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

Personal protective equipment	
Respiratory protection	In case of insufficient ventilation wear suitable respiratory equipment. No personal respiratory protective equipment normally required.
Hand protection	Protective gloves.
Eye protection	Wear chemical goggles. Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves. Wear suitable protective clothing.
General	Avoid contact with the skin and the eyes.
Engineering measures to reduce exposure	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
Hygiene measures	Avoid contact with the skin and the eyes. Handle in accordance with good industrial hygiene and safety practice. When using do not smoke.

9. PHYSICAL & CHEMICAL PROPERTIES

Density	10.0543 lb/gal
Form	Liquid.
Specific gravity	1.207

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

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

11. TOXICOLOGICAL INFORMATION

Local effects	Irritating to eyes. Irritating to skin. May cause sensitization by skin contact.
Component analysis - LD50	
NIOSH - Selected LD50s and LC50s	
Diglycidyl ether of Bisphenol-A	25068-38-6 Oral LD50 Rat: 11400 mg/kg; Oral LD50 Mouse: 15600 mg/kg
Sensitization	May cause sensitization by skin contact.
Routes of exposure	Skin contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Components of this product have been identified as having potential environmental concerns.
--------------------	---

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose in accordance with all applicable regulations.
------------------------------	--

