



MATERIAL SAFETY DATA SHEET

Health: 2
Flammability: 1
Physical hazard: 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product name RezRok 105 Epoxy Patching Compound - Resin/Side A
Version # 1.0
Revision date 18-Jun-2008
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 |
|------------------------------------------------------------|---------------------------------------------------------------------------------|---------|
| Bisphenol-A-(Epichlorohydrin) polymer | 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) Pensky-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 | 10.0634 lb/gal |
| Form | Liquid. |
| Specific gravity | 1.2076 |

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 | | |
| Bisphenol-A-(Epichlorohydrin) polymer | 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. 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.

14. TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

International Air Transport Association (IATA) Requirements

Not regulated as dangerous goods.

International Maritime Dangerous Goods (IMDG) Code Requirements

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

US federal regulations

Inventory - United States - Section 8(b) Inventory (TSCA)

Bisphenol-A-(Epichlorohydrin) polymer 25068-38-6 XU

Occupational safety and health administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (superfund) reportable quantity

None

Superfund amendments and reauthorization act of 1986 (SARA)

Section 302 extremely hazardous substance No

Section 311 hazardous chemical Yes

Hazard categories Immediate Hazard - Yes
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

NFPA ratings

Health: 2
Flammability: 1
Instability: 0

16. OTHER INFORMATION

Disclaimer

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. 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.

Issue date

18-Jun-2008

1. PRODUCT AND COMPANY IDENTIFICATION

Product name RezRok 105 Epoxy Patching Compound - Hardener/Side B
Version # 1.0
Revision date 29-Jan-2008
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 |
|-------------------------------------------------------------------------------------------------------------|-----------|---------|
| Carbon black | 1333-86-4 | < 0.1 |
| Non-hazardous and other components below reportable levels | | > 90 |
| Composition comments This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. | | |

3. HAZARDS IDENTIFICATION

Potential short term health effects

Eyes Contact with eyes may cause irritation.
Skin Not expected to be a primary skin irritant.
Inhalation May cause irritation of respiratory tract.

4. FIRST AID MEASURES

First aid

Eye contact Flush eyes with water as a precaution. If irritation persists get medical attention.
Skin contact Rinse with water. Get medical attention if irritation develops or persists.
Inhalation Call a physician if symptoms develop or persist. If breathing is difficult, give oxygen.
General advice 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 360 °F (182.2 °C) Pensky-Martens Closed Cup

6. ACCIDENTAL RELEASE MEASURES

Evacuation procedures Keep unnecessary personnel away.
Containment procedures Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.
Methods for cleaning up 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 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

Exposure limits

ACGIH - Threshold Limits Values - Time Weighted Averages (TLV-TWA)

Carbon black 1333-86-4 3.5 Mg/m³ TWA

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Carbon black 1333-86-4 lung

OSHA - Final PELs - Time Weighted Averages (TWAs)

Carbon black 1333-86-4 3.5 Mg/m³ TWA

Personal protective equipment

Respiratory protection In case of insufficient ventilation wear suitable respiratory equipment. No personal respiratory protective equipment normally required.

Eye protection Avoid contact with eyes.

Skin and body protection Wear suitable protective clothing.

Engineering measures to reduce exposure Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Hygiene measures When using do not smoke. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL & CHEMICAL PROPERTIES

Density 8.3091 lbs/gal

Form Liquid.

Specific gravity 0.9971

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability Stable at normal conditions.

Conditions to avoid Direct sources of heat.

Incompatibility None known.

11. TOXICOLOGICAL INFORMATION

Component analysis - LD50

NIOSH - Selected LD50s and LC50s

Carbon black 1333-86-4 Oral LD50 Rat: >15400 mg/kg; Dermal LD50 Rabbit: >3 g/kg

Carcinogenicity

ACGIH - Threshold Limits Values - Carcinogens

Carbon black 1333-86-4 A4 - Not Classifiable as a Human Carcinogen

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal instructions 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.

14. TRANSPORTATION INFORMATION

Department of Transportation (DOT) Requirements

Not regulated as dangerous goods.

International Air Transport Association (IATA) Requirements

Not regulated as dangerous goods.

International Maritime Dangerous Goods (IMDG) Code Requirements

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Occupational safety and health administration (OSHA)

29 CFR 1910.1200 hazardous chemical No

CERCLA (superfund) reportable quantity

None

Superfund amendments and reauthorization act of 1986 (SARA)

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

NFPA ratings Health: 0
Flammability: 1
Instability: 0

International regulations

Canada - WHMIS - Ingredient Disclosure List

Carbon black 1333-86-4 1 % (English Item 309, French Item 1271)

State regulations

California - Proposition 65 - Carcinogens List

Carbon black 1333-86-4 carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)

Massachusetts - Right To Know List

Carbon black 1333-86-4 Present; Exempt when encapsulated or if particulates are not present and cannot be substantially generated through use of the product.

New Jersey - Right to Know Hazardous Substance List

Carbon black 1333-86-4 sn 0342

Pennsylvania - RTK (Right to Know) List

Carbon black 1333-86-4 Present

16. OTHER INFORMATION

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Issue date 29-Jan-2008