

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product name | PolySpec IMO UltraLite Bond/Grout Coat - Resin/Side A |
| Version # | 1.0 |
| Revision date | 21-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 |
|--|---|---------|
| Diglycidyl ether of Bisphenol-A | 25068-38-6 | < 80 |
| Aluminum oxide | 1344-28-1 | < 20 |
| Non-hazardous and other components below reportable levels | | > 20 |
| Composition comments | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. | |

3. HAZARDS IDENTIFICATION

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| Emergency overview | May cause sensitization by skin contact. Irritating to skin. Harmful in contact with eyes. Danger of serious damage to health by prolonged exposure. May cause breathing disorders and lung damage. |
| Potential short term health effects | |
| Eyes | Contact may irritate or burn eyes. Eye contact may result in corneal injury. |
| Skin | Components of the product may be absorbed into the body through the skin. Irritating to skin. May cause sensitization by skin contact. |
| Inhalation | May cause breathing disorders and lung damage. |
| Ingestion | Do not ingest. |
| Target organs | Eyes. Respiratory system. Skin. |

4. FIRST AID MEASURES

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| First aid | |
| Eye contact | Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if irritation develops or persists. |
| Skin contact | Remove and isolate contaminated clothing and shoes. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Immediately flush skin with running water for at least 20 minutes. |
| Inhalation | If breathing is difficult, give oxygen. Move to fresh air. Get medical attention, if needed. |
| Ingestion | Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Drink plenty of water. Do not induce vomiting without medical advice. |
| Notes to physician | Symptoms may be delayed. |
| 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. |

5. FIRE FIGHTING MEASURES

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| 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 600 °F (315.6 °C) Pensky-Martens Closed Cup

6. ACCIDENTAL RELEASE MEASURES

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| 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 | 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

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| Handling | 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

Exposure limits

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

Aluminum oxide 1344-28-1 10 Mg/m³ TWA (particulate matter containing no asbestos and < 1% crystalline silica)

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Aluminum oxide 1344-28-1 lung; irritation

OSHA - Final PELs - Time Weighted Averages (TWAs)

Aluminum oxide 1344-28-1 15 Mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)

Personal protective equipment

Respiratory protection 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.

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

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| Density | 10.954 lb/gal |
| Form | Liquid. |
| Specific gravity | 1.3145 |

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

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

11. TOXICOLOGICAL INFORMATION

Local effects Risk of serious damage to eyes. Components of the product may be absorbed into the body through the skin. 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.

Carcinogenicity

ACGIH - Threshold Limits Values - Carcinogens

Aluminum oxide 1344-28-1 A4 - Not Classifiable as a Human Carcinogen

Chronic toxicity

Prolonged or repeated exposure may cause lung injury.

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

Occupational safety and health administration (OSHA)

29 CFR 1910.1200 Yes
hazardous chemical

CERCLA (superfund) reportable quantity

None

Superfund amendments and reauthorization act of 1986 (SARA)

Section 302 extremely No
hazardous substance

Section 311 hazardous Yes
chemical

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

International regulations

Canada - 2004 NPRI (National Pollutant Release Inventory)

Aluminum oxide 1344-28-1 Part 1, Group 1 Substance (fibrous form)

Canada - WHMIS - Ingredient Disclosure List

Aluminum oxide 1344-28-1 1 % (English Item 44, French Item 195)

State regulations

Massachusetts - Right To Know List

Aluminum oxide 1344-28-1 Present

New Jersey - Right to Know Hazardous Substance List

Aluminum oxide 1344-28-1 sn 2891

Pennsylvania - RTK (Right to Know) List

Aluminum oxide 1344-28-1 Environmental hazard

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

21-Jan-2008