

1. PRODUCT AND COMPANY IDENTIFICATION

Product name TuffRez PC TopCoat Filler
Version # 1.0
Revision date 03-Dec-2009
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
Calcium hydroxide	1305-62-0	< 20
Non-hazardous and other components below reportable levels		> 60
Composition comments	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	

3. HAZARDS IDENTIFICATION

Emergency overview 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.
- Inhalation** May cause breathing disorders and lung damage.
- Ingestion** Do not ingest. May be harmful if swallowed.

Target organs Eyes. Respiratory system. Skin.

4. FIRST AID MEASURES

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.
- 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. Have victim rinse mouth thoroughly with water. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. If ingestion of a large amount does occur, seek medical attention.

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. If you feel unwell, seek medical advice (show the label where possible).

5. FIRE FIGHTING MEASURES

General fire hazards Not a fire hazard.

6. ACCIDENTAL RELEASE MEASURES

Evacuation procedures Stay upwind. Keep out of low areas. Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained.

Containment procedures 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.

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water.
Methods for cleaning up	Sweep up or gather material and place in appropriate container for disposal. Avoid dust formation.

7. HANDLING AND STORAGE

Handling	Handle and open container with care. Surfaces may become slippery after spillage.
Storage	Use care in handling/storage. Do not freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

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

Calcium hydroxide 1305-62-0 5 Mg/m³ TWA

ACGIH - Threshold Limits Values - TLV Basis - Critical Effects

Calcium hydroxide 1305-62-0 irritation

OSHA - Final PELs - Time Weighted Averages (TWAs)

Calcium hydroxide 1305-62-0 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.

Eye protection Wear chemical goggles.

General Wear suitable protective equipment.

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

9. PHYSICAL & CHEMICAL PROPERTIES

Form Solid.

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability Stable at normal conditions. No hazards to be especially mentioned.

11. TOXICOLOGICAL INFORMATION

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

Component analysis - LD50

NIOSH - Selected LD50s and LC50s

Calcium hydroxide 1305-62-0 Oral LD50 Rat: 7340 mg/kg; Oral LD50 Mouse: 7300 mg/kg

Chronic toxicity Prolonged or repeated exposure may cause lung injury.

12. ECOLOGICAL INFORMATION

Ecotoxicity This material is not expected to be harmful to aquatic life.

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 - European Union - European Inventory of Existing Commercial Chemical Substances (EINECS)

Calcium hydroxide 1305-62-0 215-137-3

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

Calcium hydroxide 1305-62-0 Present

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

NFPA ratings

Health: 0
Flammability: 0
Instability: 0

International regulations

Canada - WHMIS - Ingredient Disclosure List

Calcium hydroxide 1305-62-0 1 % (English Item 302, French Item 991)

State regulations

Massachusetts - Right To Know List

Calcium hydroxide 1305-62-0 Present

New Jersey - Right to Know Hazardous Substance List

Calcium hydroxide 1305-62-0 sn 0322

Pennsylvania - RTK (Right to Know) List

Calcium hydroxide 1305-62-0 Present

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.

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