



HEALTH ALERT



Portland Cement and Quick Lime

Portland cement and quick lime can cause **serious burns** and **respiratory irritation**. Quick lime reacts strongly to water and produces heat, increasing the risk of injury. Cement dust can also irritate the skin, eyes, and lungs.

Key Hazards to Watch For

- **Skin Contact:** Can cause irritation, rashes, burns, or allergic reactions.
- **Eye Contact:** May result in irritation or severe chemical burns.
- **Inhalation:** Can irritate the nose, throat, and airways.

Required PPE

- Alkali-resistant gloves
- Long sleeves and long pants
- Safety glasses or goggles
- Appropriate respiratory protection



Engineering controls such as ventilation and dust-control systems should be used whenever possible.

Safe Work Practices

- Work in well-ventilated areas.
- Avoid entering or working in dusty zones.
- Handle materials carefully to prevent dust release.

Hygiene and Cleanup

- Wash hands and any exposed skin promptly after handling materials.
- Remove contaminated clothing right away.

If Exposure Occurs

- **Skin or eyes:** Flush with plenty of water immediately.
- **Clothing:** Remove contaminated items.
- **Medical help:** Seek care if irritation or burns develop.



Report accidents and hazardous conditions: 1-800-746-1553

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