



**HIGH PERFORMANCE CONCRETE REPAIR MATERIALS, INC
888-400-7600**

**MATERIAL SAFETY DATA SHEET HIGH PERFORMANCE CEMENT
(Gray & White), Concrete Mix Multipurpose Grout,
Repair Mortar, Stucco Repair**

SECTION I - GENERAL INFORMATION

**1. HIGH PERFORMANCE CONCRETE REPAIR MATERIALS, INC
27068 La Paz Rd. Ste. 450
Aliso Viejo, CA 92656**

2. EMERGENCY TELEPHONE NUMBER: 888-400-7600

**3. CHEMICAL NAME AND SYNONYMS:
Crystal Modified Portland Cement**

**4. TRADE NAME AND SYNONYMS:
High Performance Cement (Gray & White), High
Performance Concrete mix, High Performance
Non-Shrink Multipurpose Grout, High Performance
Repair Mortar, High Performance One Coat Stucco/
Plaster Repair Mix**

**5. CHEMICAL FAMILY FORMULA:
Calcium Salts
3CaO.SiO₂ (CAS#12168-85-3)
2CaO.SiO₂ (CAS#10034-77-2)
3CaO.Al₂O₃ (CAS#12042-78-3)
4CaO.Al₂O₃.Fe₂O₃ (CAS#12608-35-8)
CaSO₄.2H₂O (CAS#13397-24-5)
CaSO₄
4CaO.3Al₂O₃.SO₃**

**Additionally, small amounts of CaO, CaCO₃, may
be present. Other Salts Small Amounts Of MgO,
and trace amounts of K₂SO₄ and Na₂SO₄ also
may be present**

Three pages total

SECTION II - HAZARDOUS INGREDIENTS

6. Portland cement is classified as nuisance dust by OSHA (29CFR 1910 1000, Table Z-3, MSHA (30 CFR 56.5001), ACIH (TLVs for 1973, Appendix D). Portland cement is NOT listed by NTP, IARC, OSHA as containing carcinogens.

SECTION III- PHYSICAL DATA

7. Boiling Point: N.A.

8. Vapor Pressure: N.A.

SECTION III - PHYSICAL DATA CONTINUED:

9. Vapor Density: N.A.

10. Solubility In Water: Slight (0.1-1.0%)

11. Specific Gravity: 2.75-3.00

12. Percentage Volatile By Volume: N.A.

13. Evaporation Rate: N.A.

14. Appearance and Odor: Grey or White powder, no odor

SECTION IV - Fire and Explosion Hazard Data

15. Flash Point: N.A.

16. Flammable or Explosive Limits: N.A.

17. Extinguishing Media: N.A.

**18. Threshold Limit value: Respirable Dust III- 5mg/m³
Total Dust III- 10mg/m³**

19. Emergency & First Aid Procedures: Irrigate eyes with water, consult physician. Wash affected areas of the body with soap and water.

20. Special Firefighting Procedures: N.A. 21. Unusual Fire and Explosion Hazards: NONE

22. Over Exposure: Acute III- Wet cement, especially as an ingredient in plastic (unhardened) concrete, can dry the skin and cause burns. Cement dust can irritate eyes and upper respiratory system.

Chronic - Cement dust can cause inflammation of the lining tissue of the interior of the nose and Hypersensitive individuals may develop an allergic dermatitis (skin rash).

SECTION V - REACTIVITY DATA

23. Stability: Product is stable. Keep dry until used

24. Incompatibility: None

25. Hazardous Decomposition Products: None

26. Hazardous Polymerization: Will not occur

SECTION VI - SPILL PROCEDURES

27. Steps To Be Taken In Case Material Is Spilled: Use dry clean up methods

28. Waste Disposal Method: Material can be returned to dispense the dust into the air container for later use, or it can be disposed of as a common waste.

SECTION VII - SPECIAL PROTECTION INFORMATION

29. Respiratory Protection: In dusty environments, use NIOSH approved respirator.

30. Ventilation: exhaust fans to control airborne dust levels

31. Eye Protection: In dusty environments, use tight-fitting goggles.

32. Skin Protection: Use barrier creams, gloves, boots and clothing to protect the skin from prolonged contact with cement, especially wet cement in plastic concrete. Immediately after working with cement, workers should shower with soap and water. Precautions must be observed because cement burns occur with little warning. Little heat is sensed.

SECTION VIII - SPECIAL PRECAUTIONS

33. Precautions to be taken in Handling and Storing: None

34. Other Precautions: None