



Concrete Pharmacy® FLOW Control® — MSDS October 2007

SECTION I — GENERAL INFORMATION

1. CTS Cement Manufacturing Corporation | Rapid Set® Products
11065 Knott Avenue, Suite A
Cypress, CA 90630
2. Emergency Phone Number: (800) 929-3030
3. Website: www.ctscement.com
4. Chemical Name and Synonyms: N/A
5. Trade Name and Synonyms: FLOW Control®

SECTION II — PRODUCT

6. Class: Additive
7. WISH/HMIS Hazard Codes

- Health: 0 Minimal
- Flammability: 1 Slight
- Reactivity: 0 Minimal

SECTION III — PHYSICAL DATA

8. Boiling Range: N.A - N/A°F
9. Freezing Point: N/A°F
10. Vapor Pressure: N/A MM @ 20°C
11. Vapor Density: N/A than Air
12. Specific Gravity: 1.8 - 1.9
13. Solubility in Water: 650 G/L
14. Evaporation Rate: N/A (relative to n-Butyl Acetate)
15. Percentage Volatile by Volume: NIL
16. pH: 9-11 at 250 G/L and 20°C
17. Odor Threshold: No Data
18. Melting Point: Decomposes above 392°F
19. Appearance and Odor: White powder with sweet odor

SECTION IV — FIRE AND EXPLOSION HAZARD DATA

20. Flash Point: (Methods Used) Does not flash (N/A)
21. Explosive Limits: LEL N/A UEL N/A (% V in Air)
22. Auto-Ignition Temperature: >720°C Method: No Data
23. Flammability Classification:

OSHA: N/A DOT: Not Regulated

24. Extinguishing Media: Foam, CO₂, Dry Chemical, Water Spray
25. Special Fire-Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Use water to cool exposed containers. Water stream directed into fire may cause frothing with subsequent spread of fire.

26. Unusual Fire and Explosion Hazards: Irritating and/or toxic gases or fumes may be generated by thermal decomposition or combustion. Closed containers may rupture or explode (due to pressure build-up) when exposed to extreme heat.

SECTION V — HEALTH HAZARD DATA

27. Threshold Limit Value: See Section III

28. Effects of Acute Overexposure:

- **Eyes** — Mild irritant; no corneal injury likely.
- **Skin** — Mechanical irritant; prolonged contact may cause redness.
- **Inhalation** — May cause transient irritation.
- **Ingestion** — May cause nausea and vomiting. *No specific effects known.*

* *Pre-existing pulmonary conditions may be aggravated by prolonged exposure to dusts.*

29. Chronic Overexposure Information: Flow Control® is not mutagenic in vitro per Ames test.

30. Formaldehyde has been listed as a suspected human carcinogen by OSHA, and as an animal carcinogen by NTP and IARC. Rats repeatedly exposed to high levels of formaldehyde have shown increased incidences of nasal cancer. Repeated or prolonged overexposure to formaldehyde may cause sensitization with rashes or other allergic reactions.

SECTION VI — EMERGENCY AND FIRST-AID PROCEDURES

31. Eyes: Flush with plenty of water, for at least 15 minutes. Obtain immediate medical attention.

32. Skin: Wash affected area(s) thoroughly with water. If irritation persists, seek medical attention.

33. Inhalation: Remove to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Obtain medical attention.

34. Ingestion: Induce vomiting if victim is conscious and not drowsy. Give water or milk if victim is conscious and not drowsy. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs. Obtain immediate medical attention.