MATERIAL SAFETY DATA SHEET - MSDS

RAPID SET® WunderFixx

Date Issued: 22-April-2013

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Supplier
CTS Cement Manufacturing Corp.
11065 Knott Ave., Suite A
Cypress, CA 90630, United States
Telephone Number: 714-379-8260
FAX Number: 714-379-8270
Email: info@ctscement.com
Website: www.ctscement.com

Manufacturer
CTS Cement Manufacturing Corp.
11065 Knott Ave., Suite A
Cypress, CA 90630, United States
Telephone Number: 714-379-8260
FAX Number: 714-379-8270
Email: info@ctscement.com
Website: www.ctscement.com

Health	1
Fire	0
Reactivity	0
Personal Protection	E

Supplier Emergency Contact
1-714-379-8260

Manufacturer Emergency Contact
1-714-379-8260

Product Name: Rapid Set WunderFixx
CAS Number: N/A
Chemical Family: N/A

MSDS Number:
Product Code:

SECTION 2 — COMPONENT INFORMATION

Ingredient (Specific Chemical Identity, Common Name)	CAS Number	% of Total Weight
Calcium Sulfoaluminate Cement	960375-09-1	20-40
Portland Cement	65997-15-1	15-35
Smectite Clay	12199-37-0	0-2
Limestone	1317-65-3	20-50
Vinyl Acetate-Ethylene Copolymer	N/A	0-10
Iron Oxide	12227-89-3	0-5

SECTION 3 — HAZARDOUS INFORMATION

Primary Route(s) of Entry:	Inhalation, Skin, Eye, Ingestion
Inhalation Hazards:	May cause respiratory tract, nose, throat, and lung irritation and inflammation
Skin Hazards:	May irritate skin causing drying, redness, rash, and blistering. When mixed with water, a high alkali material is produced which can cause severe skin burns. Individuals may develop allergic dermatitis.
Eye Hazards:	May severely irritate eyes. May develop inflammation of the cornea.
Ingestion Hazards:	May be caustic to mucus tissue.
Chronic Exposure:	Individuals may develop allergic dermatitis, inflammation of the cornea, and inflammation of the nose, throat, and lungs. May cause carcinogenic effects.
Carcinogenic Effects:	May contain crystalline silica, a known Human Carcinogen (Group 1), that can cause silicosis and cancer. Exposure to crystalline silica may also increase the risk of Scleroderma, tuberculosis, and kidney disorders.

SECTION 4 — FIRST AID INFORMATION

Inhalation:	Remove the individual to fresh air. If irritation persists, get medical attention.
Skin:	Flush with water immediately. If irritation persists, get medical attention immediately.
Eye:	Flush eyes with plenty of water. If irritation persists, get medical attention immediately.
Ingestion:	If conscious, drink plenty of water, Do not induce vomiting. Get immediate medical attention.

SECTION 5 — PHYSICAL & CHEMICAL PROPERTIES

Boiling Point: >2700°F	**Specific Gravity:** 2.7 to 3.1	**Melting Point:** >2700°F
Vapor Pressure (mm Hg): None	**Vapor Density (AIR = 1):** None	**Evaporation Rate:** None

Solubility in Water: Slight

Appearance and Odor: Gray color powder. May contain sand and rock particles. Odor N/A

SECTION 6 — FIRE & EXPLOSION PROPERTIES

Flash Point : Non-Combustible	**Flammable Limits:** N/A	**LEL:** N/A	**UEL:** N/A
Extinguishing Media: Water, foam.	**Special Fire Fighting Procedures:** Use fine water spray or foam. Cool surroundings with water to localize fire.		

SECTION 7 — REACTIVITY INFORMATION

Stability: Stable	**Conditions to Avoid:** Unintended contact with water

Hazardous Polymerization: Will not occur

Hazardous Decomposition or Byproducts: Silica mixed with hydrofluoric acid may produce a corrosive gas. Smoke may contain polymer compositions in addition to unidentified toxic and irritating compounds. Hazardous combustion products may include carbon monoxide and carbon dioxide.

Incompatible Materials: When mixed with water, may be highly alkali. Incompatible with acids, ammonium and salts. Avoid contact of silica with powerful oxidizing agents and acids.

SECTION 8 — ACCIDENTAL RELEASE MEASURES

Use a dust free method to clean up spills. Use the appropriate personal protective equipment.

SECTION 9 — HANDLING AND STORAGE

Waste Disposal Method: Use appropriate disposal facility complying with local regulations. Not classified as hazardous waste under RCRA of CERCLA. Do not create dust.

Handling and Storage Precautions: Use proper personal protective equipment. Do not breath dust. Avoid contact with eyes, skin, and clothing. Avoid unintentional contact with water.

SECTION 10 — EXPOSURE CONTROL MEASURES

Engineering Controls: Use with adequate ventilation to control airborne dust levels

Eye Protection: Safety glasses with side shields or goggles are recommended

Skin Protection: Impervious gloves, boots and clothing are recommended to protect the skin from contact

Respiratory Protection: In dusty environments, an OSHA, MSHA or NIOSH approved respirator is recommended.

Hygienic Practices: After handling, thoroughly wash hands and exposed skin with soap and water.

Exposure Limits:
Hydraulic Cement
ACGIH TLV:10 mg/m3
OSHA PEL (8 hour TWA): 50 million particles per cubic ft
Gypsum
OSHA PEL (8 hour TWA): 10 mg/m3 (total), 5 mg/m3 (respirable)
Crystalline Silica (Quartz)
TLV: 0.05 mg/m3 (total), 0.05 mg/m3 (respirable)
OSHA PEL: 30 mg/m3 /(%SiO2) mg/m3 (total), 10 mg/m3 / (%SiO2) mg/m3 (respirable)
Iron Oxide
TLV: 10 mg/m3
OSHA PEL: 15mg/m3 / (%SiO2) mg/m3 (total)
Vinyl Acetate-Ethylene Copolymer
TLV: 5 mg/m3
OSHA PEL: 2 mg/m3 / (%SiO2) mg/m3 (total)
Limestone
TLV: 10 mg/m3
OSHA PEL: 15 mg/m3 / (%SiO2) mg/m3 (total)

SECTION 11 — TOXICOLOGY INFORMATION

Toxicity to Animals: LD50 and LC50 rating not determined. A high pH material is produced when mixed with water.

Chronic Effects on Humans: May contain Silica sand, a known carcinogen. May aggravate eye, skin, and respiratory conditions.

SECTION 12 — ECOLOGICAL INFORMATION

No Data Available

SECTION 13 — DISPOSAL CONSIDERATIONS

Not classified as hazardous waste under the Resource Conservation and Recovery Act and the Comprehensive Environmental Response, Compensation, and Recovery Act

SECTION 14 — TRANSPORTATION INFORMATION

Not determined to be hazardous under the U.S. Department of Transportation. Not Regulated by DOT.

SECTION 15 — OTHER REGULATORY INFORMATION

US OSHA 29CFR 1910.1200: May be considered hazardous and should be included in the employers' hazardous communication program.

SARA Section 313 Notification: Not subject to reporting requirements.

Proposition 65 Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16 — OTHER INFORMATION

Key/Abbreviations
ACGIH – American Conference of Government Industrial Hygienists
CAS – Chemical Abstract Service.
CERCLA – Comprehensive Environmental Response, Compensation & Liability Act.
DOT – Department of Transportation.
LEL – Lower Exposure Limit.
MSHA – Mine Safety and Health Administration.
N/A – Not Applicable.
NIOSH – National Institute for Occupational Safety and Health.
OSHA – Occupational Safety and Health Administration.
RCRA – Resource Conservation and Recovery Act.
SARA – Superfund Amendments and Reauthorization Act.
UEL – Upper Exposure Limit.

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