

Material Safety Data Sheet

0380 Water Stop Cement (Hydraulic Cement) - Powder

MSDS No. 0014 Rev. 1

Emergency Phone No.
(918)825-5744

SECTION 1 – PRODUCT NAME & MANUFACTURER INFORMATION

| | | | |
|--|---|---------------|--|
| PRODUCT NAME | Water Stop Cement (Hydraulic Cement) - Powder | | |
| MANUFACTURER'S NAME & TELEPHONE NUMBER | Red Devil, Inc. | (918)825-5744 | |
| STREET ADDRESS | 4175 Webb Street | | |
| CITY / STATE / ZIP | Pryor, Oklahoma 74361 | | |

SECTION 2 – COMPOSITION / HAZARDOUS INGREDIENTS

| | % | TLV | PEL | UNITS |
|---|------|------|-----|-------|
| PRODUCT CONSISTS OF: | | | | |
| Portland Cement (65997-15-1) | < 50 | 10 | 15 | mg/m3 |
| Calcium Sulfate (7778-18-9) | < 10 | 10** | 15 | mg/m3 |
| Calcium Aluminate Cement (65997-16-2) | < 40 | 10 | NE | mg/m3 |
| Hydrated Lime (39445-23-3) | < 10 | NE | 5** | mg/m3 |
| Calcium Carbonate (1317-65-3) | < 5 | 10 | 15 | mg/m3 |
| *Unlisted ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). ** TWA. Calculated VOC: 0%/wt, 0 g/L. CARB Compliance: Yes. Prop 65 Ingredients: Yes (Section 16). | | | | |

SECTION 3 – HAZARDS IDENTIFICATION

| | | | | | |
|---|---|--|---|--|---|
| PRIMARY ROUTE(S) OF ENTRY | <input checked="" type="checkbox"/> Skin Contact | <input type="checkbox"/> Skin Absorption | <input checked="" type="checkbox"/> Eye Contact | <input checked="" type="checkbox"/> Inhalation | <input checked="" type="checkbox"/> Ingestion |
| EMERGENCY OVERVIEW | Causes injury to eyes. Causes skin irritation. Dust exposure may result in material in eyes, ears, mouth & nose & may cause irritation. | | | | |
| EFFECTS OF OVEREXPOSURE | <u>Eye Contact:</u> May cause irritation. <u>Skin Contact:</u> Wet cement may dry skin & result in alkali burns. <u>Inhalation:</u> Dust may cause irritation to nose, throat & respiratory tract. <u>Ingestion:</u> Irritating to mouth, throat & stomach; may result in obstruction when wetted material hardens. <u>Chronic Exposure:</u> IARC has determined that silica, crystalline (present in calcium carbonate), when inhaled is carcinogenic to humans. | | | | |
| MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE | Asthma &/or asthma-like, may worsen w/ prolonged or repeated exposure. | | | | |

SECTION 4 – FIRST AID MEASURES

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| SKIN CONTACT | Wash skin w/ soap & water, if irritation persists seek medical attention. |
| EYE CONTACT | Flush eyes w/ plenty of water until irritation subsides. Seek medical attention. |
| INHALATION | Remove to fresh air & seek medical attention immediately. |
| INGESTION | Do not induce vomiting. Seek medical attention immediately. |

SECTION 5 – FIRE FIGHTING MEASURES

| | | | |
|-------------------------------------|---|-------------------------------------|----|
| FLAMMABLE | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Not considered a fire hazard. | |
| EXTINGUISHING MEDIA | CO2, Dry Chemical, Foam | | |
| FLASHPOINT (°F) & METHOD | Material noncombustible. | UPPER EXPLOSIVE LIMIT (% BY VOLUME) | NA |
| LOWER EXPLOSIVE LIMIT (% BY VOLUME) | NA | AUTOIGNITION TEMPERATURE (°F) | NA |
| UNUSUAL FIRE & EXPLOSION HAZARDS | None known – material is non-flammable & will not burn. | | |
| SPECIAL FIREFIGHTING PROCEDURES | None known. | | |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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| PROCEDURES | Sweep up spilled powder & place into appropriate containers. | | |
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SECTION 7 – HANDLING & STORAGE

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| HANDLING PROCEDURES & EQUIPMENT | Keep out of reach of children & pets. Keep containers tightly closed & away from excessive heat & freezing. Avoid eye & skin contact. Avoid inhalation of dust from this product. | | |
| STORAGE REQUIREMENTS | Cool, dry, ventilated area. Keep container closed when not in use. | | |

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

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| RESPIRATORY | Wear appropriate respirator to avoid exposure to dust. Avoid breathing dust during use or dry sanding. | | |
| EYEWEAR | Use chemical safety goggles w/ side shields. Maintain eye wash fountain & quick-drench facilities in work area. | | |
| CLOTHING / GLOVES | Wear protective/water resistant gloves & clean body-covering clothing. | | |
| HYGENIC PRACTICES | Take appropriate measures to prevent all contact. Wash thoroughly before breaks & after workday. Remove contaminated clothing & wash before reuse. | | |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------|--------------------------|-----------------------|----------------------|
| PHYSICAL STATE | Powder | ODOR & APPEARANCE | Low odor gray powder |
| SPECIFIC GRAVITY | Approximately 2.5 to 3.0 | VAPOR DENSITY (AIR=1) | NE |
| EVAPORATION RATE | NE | BOILING RANGE (°F) | NE |
| pH | NE | SOLUBILITY IN WATER | Dispersible in water |
| VAPOR PRESSURE (MM Hg) | NE | % VOLATILES BY WEIGHT | NE |

SECTION 10 – STABILITY AND REACTIVITY

| | | | |
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| STABILITY | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Stable under ordinary conditions of use & storage. | |
| INCOMPATIBILITY | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Strong oxidizers & caustics. | |
| CONDITIONS TO AVOID | Excessive heat & freezing. | | |
| HAZARDOUS POLYMERIZATION/HAZARDOUS DECOMPOSITION PRODUCTS | Hazardous polymerization will not occur. Hazardous Decomposition: Normal decomposition products (CO _x , NO _x). | | |

SECTION 11 – TOXICOLOGICAL INFORMATION / CARCINOGENICITY

| | |
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| ACGIH | Contains Crystalline Silica. |
| OSHA | Contains Crystalline Silica. |
| IARC | Contains Crystalline Silica. |
| NTP | Contains Crystalline Silica. |
| DATA WITH POSSIBLE RELEVANCE TO HUMANS | Crystalline Silica known to the State of California to cause cancer. |

SECTION 12 – ECOLOGICAL INFORMATION

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| AQUATIC TOXICITY | NE |
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SECTION 13 – DISPOSAL CONSIDERATIONS

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| WASTE DISPOSAL EPA WASTE CODE IF DISCARDED (40CFR Sec.261) | Dispose of in accordance w/ Federal, State & Local requirements. Product does not meet definition of a hazardous waste according to US EPA code @ left. Do not reuse empty containers. EPA Waste Code: None. |
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SECTION 14 – TRANSPORT INFORMATION

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| SPECIAL SHIPPING INFORMATION | Not regulated by DOT. (No Haz. Class, no UN/NA Number, no Packing Group). Shipping information applicable for domestic ground only. |
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SECTION 15 – REGULATORY INFORMATION

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| OSHA | Product hazardous by definition of Hazard Communication Standard 29 CFR 1910.1200. | U.S. STATE REGS | See Section 16. |
| SARA 313 | No SARA 313 materials in product. | TSCA | Product contains no materials subject to reporting requirements of TSCA 12 (B), if exported from US. |

SECTION 16 – OTHER INFORMATION / SPECIAL PRECAUTIONS / LEGEND

New Jersey Right-to-Know: No non-hazardous materials are among the top 5 ingredients. Pennsylvania Right-to-Know: No non-hazardous materials present @ > 3%. California Prop 65 (Known to state of California to cause cancer): Crystalline silica (14808-60-7) present in some materials, used in formula. Canadian WHMIS Class: Not regulated. HMIS: Flammability: 0, Health: 1, Reactivity: 0. **WARNING**: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

LEGEND: NA – Not Applicable, NE – Not Established, UN – Unavailable, VOC – Volatile Organic Compound, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, STEL – Short Term Exposure Limit, MSDS – Material Safety Data Sheet, ACGIH – American Conference of Governmental Industrial Hygienists, SARA – Superfund Amendments & Reauthorization Act of 1986, OSHA – Occupational Safety & Health Administration, HMIS – Hazardous Materials Identification System, NTP – National Toxicology Program, CEIL – Ceiling Exposure Limit, CASRN (CAS Number) – Chemical Abstracts Service Registry Number, TSCA – Toxic Substances Control Act, CPR – Controlled Products Regulations.

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January 20, 2010
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