

HOTTEC CORP.

BONDCERAM 415

Material Safety Data Sheet

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## 1. CHEMICAL PRODUCT AND COMPANY DESCRIPTION

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Hottec Corp.  
One Terminal Way  
Norwich, CT 06360

**Emergency Phone Numbers:**

For emergencies involving a spill, leak, fire, exposure, or accident  
Contact: Hottec Corp. 860-887-5111, evenings 860-822-1701

**For Product Information:**

860-887-5111

**Chemical Name or Synonym:**

Contains silicic acid, potassium salt, water, metallic oxide fillers

## 2. PHYSICAL DATA

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**Appearance & Odor:**

Viscous liquid. White Odorless.

**Specific Gravity (liquids only):**

1.45

**Solubility In Water:**

Partial

**Solids Content:**

Approximately 70 % by wt.

**pH (aqueous liquids only):**

### 3. FIRE, EXPLOSION AND REACTIVITY HAZARD DATA

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**Flash Point (F):**

Non-combustible

**Special Fire Fighting Procedures:**

Not-applicable

**Stability:**

Stable

**Conditions To Avoid:**

Flammable hydrogen gas may be produced on prolonged contact with metals such as aluminum, tin, lead, and zinc.

**Incompatibility (materials to avoid):**

Concentrated acids. Gels when mixed with acids

**Hazardous Decomposition Products:**

Hydrogen gas

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### 4. SPILLS AND DISPOSAL

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**Environmental Hazards:**

High pH (alkalinity of undiluted or unneutralized material is harmful to aquatic life). Not a listed as an extremely hazardous substance or toxic chemical under SARA Title III, 302, 304, or 313.

**Spillage:**

Sinks and mixes with water. Isolate, dike and store discharged material, if possible. Otherwise disperse and flush with water. Observe environmental regulations. Not a RCRA Hazardous waste.

**Waste Disposal Method:**

Neutralize with dilute acid and landfill solids according to local, state and federal regulations. Flush neutral liquid to sewer with plenty of water.

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## 5. HEALTH HAZARD DATA

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**Eye Contact:**

Causes eye irritation.

**Skin Contact:**

Causes skin irritation.

**Inhalation:**

Causes irritation to respiratory tract.

**Ingestion:**

Causes irritation to esophagus and stomach.

**Chronic Hazards:**

No known chronic hazards. Not listed by OSA, NTP or IARC as a carcinogen.

**Signs and Symptoms of Exposure:**

Burning or itching in nose and throat (inhalation). Pain, redness and tearing (eye exposure). Itching or burning (skin exposure).

**Medical conditions aggravated by exposure:**

Asthma and lung diseases, skin diseases.

**First Aid Procedures:**

In case of contact, immediately flush eyes and skin with plenty of water for at least 15 minutes. Call a physician. If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician. Never give anything by mouth to an unconscious person.

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## 6. SPECIAL PROTECTION INFORMATION

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**Respiratory Protection:**

Use NIOSH-certified mist respirator where mist occurs. Observe OSHA regulations for respirator use (29 CFR 1910.134).

**Gloves:**

Wear rubber gloves.

**Eye Protection:**

Chemical goggles and/or face shield.

**Other Protective Equipment:**

Safety shower and eyewash fountain should be within direct access.

**Personal Hygiene:**

Avoid contact with eyes, skin, and clothing. Do not breathe spray mist. Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Engineering Control:**

Use with adequate ventilation. Keep container closed.

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## 7. SUBSTANCES FOR WHICH STANDARDS HAVE BEEN SET

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OSHA Permissible Exposure Limit or ACGIH Threshold Limit Value have not been established.  
PQ recommended Ceiling limit 5mg/m<sup>3</sup> Respirable mist.

**Exposure Analysis Methods:**

See: NIOSH Manual of Analytical Methods, 4<sup>th</sup> ed., Method 7401.