



MATERIAL SAFETY DATA SHEET



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: RS-200-CK Cement (Grip Cement Powder)

April 14, 2010

Vishay Measurements Group, Inc.
Post Office Box 27777
Raleigh, NC 27611

919-365-3800

CHEMTREC 1-800-424-9300 (U.S.)
703-527-3887 (Outside U.S.)

NOTE: CHEMTREC numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	CHEMICAL IDENTITY	%
7790-75-2	Calcium Tungstate	64
9011-14-7	Polymethylmethacrylate	20
9005-09-8	Polyvinyl Resin	10
94-36-0	Benzoyl Peroxide	6

SECTION 3: HEALTH HAZARD DATA

Routes of Entry:

Inhalation: Yes **Skin:** Yes **Ingestion:** Accidental

Health Hazards (Acute and Chronic): None known.

Carcinogenicity: NTP: Not listed
 IARC Monographs: Not listed
 OSHA Regulated: Not listed

Signs and Symptoms of Exposure:

INHALATION: Avoid inhalation of dust. Considered a nuisance dust. May cause respiratory tract irritation.

EYE CONTACT: Avoid contact with eyes. May cause irritation.

SKIN CONTACT: Material can cause slight skin irritation.

INGESTION: Material is probably not harmful if swallowed.

Conditions Generally Aggravated by Exposure: Open wounds or sores on the skin.

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Move exposed victim to fresh air. Get prompt medical attention.

EYE CONTACT: Flush with water for fifteen minutes. Get prompt medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: If swallowed, give two glasses of water to drink. Get medical attention.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Not established.

Flammable limits: LEL: NA UEL: NA

Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical.

Special Firefighting Procedures: Avoid eye contact, do not breathe the fumes. Water spray can disperse dust in the air producing a fire and possible explosion hazard.

Unusual Fire and Explosion Hazards: Polymer dust is combustible. The explosion limits of the polymer particles in air are approximately those of coal dust. Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Wet down with sufficient water to eliminate dust. Carefully sweep up and place in a suitable container for disposal. Avoid creating a dusty atmosphere. The spilled powder is a slipping hazard.

SECTION 7: EXPOSURE CONTROLS -- PERSONAL PROTECTION

Respiratory Protection: Use a NIOSH approved respirator whenever workplace conditions warrant a respirator's use.

Ventilation:

Local Exhaust: Recommended
Mechanical: Required
Special: NA
Other: NA

Protective Gloves: Chemical resistant gloves recommended.

Eye Protection: Close fitting protective goggles.

Other Protective Clothing or Equipment: Chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact. Eye wash and emergency shower should be available in work area.

Work / Hygienic Practices: Use good industrial hygiene practices. Wash hands with soap and water after use and before eating, drinking, or smoking. Clean contaminated clothing thoroughly before reuse.

SECTION 8: HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store in a cool, dry area away from food and beverages. Keep containers closed to prevent water absorption and contamination. Maximum storage temperatures is 140°F (60°C). Normal storage at room temperature.

Other Precautions: Observe normal warehouse handling procedures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	NA
Vapor Pressure (mmHg):	NA
Vapor Density (Air = 1):	NA
Specific Gravity (H₂O = 1):	5.0
Melting Point:	NA
Evaporation Rate (BuAc = 1):	NA
Volatile Organic Compounds:	None
Solubility in Water:	Slightly soluble

Appearance and Odor: White powder with a characteristic odor.

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: Excessive heat greater than 140°F (60°C).

Incompatibility (Materials to Avoid): Strong oxidizing agents.

Hazardous Decomposition or By-products: Acrid fumes and methylmethacrylate.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Calcium Tungstate

OSHA PEL: 5 mg/m³
ACGIH TLV: 5 mg/m³
OTHER: Not established

Polymethylmethacrylate

OSHA PEL: 15 mg/m³
ACGIH TLV: 15 mg/m³
OTHER: Not established

Polyvinyl Resin

OSHA PEL: Not established
ACGIH TLV: Not established
OTHER: Not established

Benzol Peroxide

OSHA PEL: 5 mg/m³
ACGIH TLV: 5 mg/m³
OTHER: Not established

SECTION 12: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of material as solid waste in a closed container. Follow all chemical pollution control regulations.

SECTION 13: TRANSPORTATION INFORMATION

SHIPPING NAME	CLASS	UN NUMBER
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Not regulated for shipment.

SECTION 14: REGULATORY INFORMATION**SECTION 313 SUPPLIER NOTIFICATION:**

This product contains a toxic chemical or chemicals (as listed below) subject to the reporting requirements of Section 313 Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS NUMBER	CHEMICAL NAME	% BY WEIGHT
80-62-6	Methylmethacrylate Powder	12-24
94-36-0	Benzoyl Peroxide	6

TSCA NOTIFICATION:

All components of this product are listed in the Toxic Substance Control Act Chemical Substance Inventory (TSCA).

SECTION 15: OTHER INFORMATION

To the best of our knowledge, the information provided above meets the requirements of the United States Occupational Safety and Health Act and regulations established under 29 CFR 1910.1200 (g)(2)(c)(1)-(4) for a mixture of hazardous chemicals which has not been tested as a whole. The data provided on this Material Safety Data Sheet is from manufacturers of the original components. Micro-Measurements specifically disclaims any and all form of liability and/or responsibility for the application of this product.