

Material Safety Data Sheet
OSHA's Hazard Communication Standard,
29 CFR 1910.1200.

IDENTITY: Z Primer HP Zinc Rich Primer

SECTION I

Manufacturer: US Concrete Products
Address: 16 Greenmeadow Drive
Timonium, MD 21093

Emergency Number: 1-800-424-9300 CHEMTREC
Telephone Number: (410) 561-8770
Date Prepared: 1/2007

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CAS #	OSHA PEL	ACHIH TLV	Hazard Limits
Zinc Oxide	1314-13-2	10 mg/m ³	10 mg/m ³	
Zinc Metal	7440-66-6	NIF	NIF	
Calcium Naphthenate	61789-36-4	N/A	N/A	
Silicon Dioxide	67762-90-7 20	MPPCF	N/A	
Tetraethylorthosilicate	78-10-4	N/A	100 ppm	
Mineral Spirits	64741-41-9	N/A	100 ppm	
Aromatic	64742-95-6	N/A	50 ppm	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/D **Specific Gravity (H2O =1):** 1.48
Vapor Pressure (mm Hg.): N/D **Melting Point:** N/A
Vapor Density (AIR = 1): N/D **Evaporation Rate:** N/A
Solubility in Water: Slight **(Butyl Acetate = 1)**
Appearance and Odor: Grey liquid, slightly pungent

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 104°F (TCC) **Flammable Limits:** LEL N/D UEL N/D
Extinguishing Media: Foam, CO₂, dry chemical, use water spray to cool containers
Special Fire Fighting Procedures: SCBA equipment, protective clothing, isolate from heat, do not spread burning material with water
Unusual Fire and Explosion Hazards: Some ingredients may produce a floating fire, thermal decomposition may produce carbon monoxide or carbon dioxide gas.

SECTION V - REACTIVITY DATA

Stability: Stable Conditions to Avoid:
Incompatibility: Acids, alkalis
Hazardous Decomposition or Byproducts: CO₂, CO are released upon buring
Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Yes **Skin?** Yes **Ingestion?** No
Health Hazards (Acute and Chronic): Acute exposure may cause nausea and vomiting. Irritation to eyes exposure may cause dermatitis.

Carcinogenicity: NTP? Not Listed **IARC Monographs?** Not Listed **OSHA Regulated?** Not Listed

Signs and Symptoms of Exposure: Redness in eyes, dizziness, nausea, tightness in chest, headaches.

Medical Conditions Generally Aggravated by Exposure: Prolonged exposure may cause liver or kidney disease.

Emergency and First Aid Procedures: Induce vomiting. Flush eyes with water for at least 15 mins.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Stop spreading by man made dike of chemical absorbent. Evacuate unnecessary personnel. Remove ignition sources. Shovel material with non sparking tools.

Waste Disposal Method: Dispose material in accordance with Federal, State and local regulations.

Precautions to Be Taken in Handling and Storing: Use safety goggles, chemical protective coating. Avoid areas of heat or ignition sources.

Other Precautions: Avoid prolonged skin contact and breathing of vapors.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved, organic vapor mask.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Other Protective Clothing or Equipment: Chemical resistant, use protective creams.

Work/Hygienic Practices: Follow practices of good industrial hygiene.