

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

Product: HP Bondit

SECTION I

Manufacturer:	US Concrete	Emergency Number:	1-800-424-9300 CHEMTREC
Address:	16 Greenmeadow Drive Timonium, MD 21093	Telephone Number:	(410) 561-8770
		Date Prepared:	September 21, 2005

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Component	CAS #	OSHA PEL	Hazard Limits	%
Acrylic Polymer	25035-70-1	NE	-----	20-35
Water	77732-18-5	NE	-----	65-80

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	210°	Specific Gravity (H₂O =1):	1.00
Vapor Pressure (mm Hg.):	17 @ 20°C	Melting Point:	N/A
Vapor Density (AIR = 1):	<1	Evaporation Rate:	<1
Solubility in Water:	100%		
V.O.C.:	17 grams/liter		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A **Flammable Limits: LEL** N/A **UEL** N/A

Extinguishing Media: N/A **Special Fire Fighting Procedures:** Positive Pressure, self-contained breathing apparatus required

Unusual Fire and Explosion Hazards: N/A

SECTION V - REACTIVITY DATA

Stability: Stable **Conditions to Avoid:** Temperatures above 325°F and Freezing

Incompatibility: None

Hazardous Decomposition or Byproducts: Possible monomers

Hazardous Polymerization: Will Not Occur **Conditions to Avoid:** None known

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: **Inhalation?** Yes **Skin?** No **Ingestion?** No

Health Hazards (Acute and Chronic): none known

(OVER)

SECTION VI - HEALTH HAZARD DATA –continued

Carcinogenicity: NTP? No

IARC Monographs? No

OSHA Regulated? Not Regulated

Signs and Symptoms of Exposure: Skin irritation with prolonged exposure.

Medical Conditions Generally Aggravated by Exposure: If inhaled may cause headache, nausea and/or symptoms of upper respiratory tract irritation.

Emergency and First Aid Procedures: If agent gets into eyes, rinse immediately and repeatedly with water and get prompt medical attention. Irritation may occur.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled: Contain spill. Absorb with an inert material and place in collection containers for proper disposal.

Handling: Follow good industrial hygiene practices and safety guidelines.

Storing: Store material in original container. Protect from freezing and keep container closed.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved organic respirator in confined areas.

Ventilation: Mechanical (General) Good general ventilation.

Protective Gloves: Rubber Gloves

Eye Protection: Safety Glasses

Work/Hygienic Practices: Follow practices of good industrial hygiene. Clean potable water should be available in work area for flushing eyes and skin.