

# MATERIAL SAFETY DATA SHEET

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Product:  
Bondrite 20  
Date: January 2012

## HAZARD MATERIAL IDENTIFICATION SYSTEM

Health Hazard	1 - Slight
Flammability Hazard	0 - Minimal
Reactivity Hazard	0 - Minimal

## SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: BONDING AGENT  
Other Designations: 219-1520 Bondrite 20  
Chemical Name: Acrylic Emulsion

## SECTION II. INGREDIENTS AND HAZARDS

<u>INGREDIENT NAME:</u>	<u>CAS NO.</u>	<u>PERCENT</u>	<u>EXPOSURE LIMITS</u>
Aqueous Copolymer	-----	39-41	Not established
Water	7732-18-5	57-59	Non-Hazardous
Additives	various	1-3	-----
Aqueous Ammonia	7664-41-7	<.01	OSHA(PEL):TWA=50ppm

TheThe precise compositionThe precise composition is proprietary information. The precise composition is available and will be provided to a physician or nurse in c

### SARA TITLE III: Section 313 Supplier Notification

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of 40 CFR 372.

**SECTION III.****PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Appearance and Odor:</b>	Non viscous liquid with mild odor.		
<b>Solubility in Water:</b>	Dilutable in all proportions		
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	1.02-1.04	<b>Vapor Density (Air=1):</b>	<1
<b>Boiling Point:</b>	~100c (~212F)	<b>Freezing Point:</b>	<0°C (<32°F)
<b>%Volatiles:</b>	69-71	<b>Evaporation rate (butyl acetate=1)</b>	<1

**SECTION IV.****FIRE AND EXPLOSION DATA**

<b>Flash Point (method):</b>	Not determined (aqueous system)
<b>Extinguishing Media:</b>	The product will only burn after the water it contains is evaporated. Use water fog or carbon dioxide all-purpose foam.
<b>Unusual Fire or Explosion Hazards:</b>	Product does not burn until Product may splatter if the temperature exceeds the boiling point of water. Dried solids can burn giving off oxidewater. Dried so nitrogen.
<b>Special Fire fighting Procedures:</b>	Fire fighter should wear self-coFire fighter should wear protective clothing to prevent contact with skin andprotect water spray to keep fire-exposed containers cool.

**SECTION V.****REACTIVITY DATA**

Material is stable - Hazardous polymerization will not occur

<b>Chemical Stability:</b>	Stable
<b>Conditions to avoid:</b>	Freezing, thawing, or boiling.
<b>Chemical Incompatibility:</b>	Avoid contact with acid agents.
<b>Hazardous Decomposition Products:</b>	Burning can produce carbon monoxide and dioxide.

**SECTION VI.****HEALTH HAZARD DATA****Summary of Health Risks and Symptoms of Exposure:****Mild respiratory tract irritant. Inhalation of vapors may cause irritation in the respiratory tract and mucous membranes and may produce headache and nausea.****Exposure Limits:****OSHA Permissible Exposure Limit Value (ACGIH): Not established.****Effects of acute overexposure:****Ingestion: No evidence of adverse effects available information.****Inhalation: Inhalation of vapors in a well-ventilated area may be irritating to the eyes, mucous membranes, respiratory tract and may produce symptoms of headache and nausea.****Skin contact: May be harmful if absorbed through skin.****Eye contact: May cause eye irritation.****Emergency and First Aid Procedures:****Eye Contact: Flush thoroughly with plenty of water for at least 15 minutes. Get medical help if irritation persists.****Skin Contact: Wash skin with mild soap and water.****Inhalation: Remove to fresh air. Get medical help for any breathing difficulty.****Ingestion: Do not induce vomiting. Get prompt medical attention.****SECTION VII.****PRECAUTIONS FOR HANDLING, USE OR DISPOSAL****Handling & Storage: Keep away from heat and flame. Keep away from heat and flame. Keep product residue, follow warnings on container. Empty container and keep away from heat and flame. Keep container closed to prevent breathing vapors.****Spill/Leak procedures: Restrict area to only those personnel needed. Spills may be collected with absorbent materials for disposal. Minor spills may be flushed with water to the sewer if permitted by state and local regulations.****Waste Management/Disposal: Incinerate. Observe all local, state or federal regulations for specific disposal information in your area.**

**SECTION VIII.****SPECIAL PROTECTION INFORMATION****Personal Protective Equipment:**

**Eyes:** Splash proof eye goggles should be worn.

**Skin:** Protective gloves and minimize skin contact.

**Respirator:** Not required under normal conditions. Approved respirator for organic vapors if needed.

**Workplace Considerations:**

**Ventilation:** General (mechanical) room ventilation is satisfactory. Use local exhaust to control mist or vapor.

**Safety Stations:** An eye wash station should be available to the area. Safety shower, and washing facilities should be available.

**SECTION IX.****SPECIAL PRECAUTIONS**

**DOT Class:** Not regulated

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