



## MATERIAL SAFETY DATA SHEET

Date Prepared: September 16, 2008

### 1. PRODUCT/COMPANY IDENTIFICATION

**Product Name:**  
**SAKRETE® CONCRETE GLUE**

**Supplied by:**  
Bonsal American/an Oldcastle Company  
8201 Arrowridge Blvd.  
Charlotte NC, 28273

**Emergency Telephone:**  
(626) 333 2217

**Manufacturer's Name & Address:**  
**Paragon Building Products**  
111 N Vineland Ave  
City of Industry, CA 91746

### 2. EMERGENCY AND FIRST AID

**EMERGENCY INFORMATION:**

SAKRETE® Concrete Glue is a white liquid with a slight odor. Inhalation may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system or may cause or may aggravate certain lung diseases or conditions.

**EYES:**

Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. Get medical attention if irritation occurs.

**SKIN:**

Wash skin with water and soap or a mild detergent. Seek medical treatment if irritation or inflammation develops.

**INHALATION:**

Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside.

**INGESTION:**

Treat symptomatically and supportively. Get medical attention. Do Not attempt to give anything by mouth to an unconscious person.

### 3. COMPOSITION INFORMATION

**CHEMICAL NAME:**

VINYL ACETATE HOMOPOLYMER.

**DESCRIPTION:**

This product is a liquid. It is not considered hazardous.



#### 4. HAZARDOUS INGREDIENTS

None

#### 5. HAZARD IDENTIFICATION

**POTENTIAL HEALTH EFFECTS:**

NOTE: Potential health effects may vary depending upon the duration and degree of exposure. To reduce or eliminate health hazards associated with this product, use exposure controls or personal protection methods as described in Section 12.

**EYE CONTACT:**

(Acute/Chronic) Exposure to airborne mists may cause immediate or delayed irritation or inflammation of the cornea. Eye contact by larger amounts or splashes of Concrete Glue may cause effects ranging from slight to moderate eye irritation.

**SKIN CONTACT:**

(Acute) Exposure to liquid Concrete Glue may cause drying of the skin with consequent mild irritation or more significant effects attributable to aggravation of other conditions. Discomfort or pain cannot be relied upon to alert a person to a hazardous skin exposure.

(Chronic) Concrete Glue coming in contact with skin may cause skin irritation. Prolonged exposure can cause skin damage.

(Acute/Chronic) Some individuals may exhibit an allergic response upon exposure to Concrete Glue. The response may appear in a variety of forms ranging from a mild rash to severe irritation.

**INHALATION:**

(Acute) Exposure to Concrete Glue may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system. Pre-existing upper respiratory and lung diseases may be aggravated by inhalation of Concrete Glue.

**INGESTION:**

(Acute/Chronic) Internal discomfort or ill effects to the gastrointestinal tract are possible if large quantities are swallowed.

**CARCINOGENIC POTENTIAL:**

Concrete Glue is not recognized as a carcinogen by NTP, OSHA, or IARC. However, it may contain trace amounts of heavy metals recognized as carcinogens by these organizations.

#### 6. ACCIDENTAL RELEASE MEASURES

Contain spills immediately with inert material. Place in appropriate labeled container for disposal. Wash the spillage area with water. Washing must be prevented from entering surface water drains. Avoid inhalation and contact with eyes.



## 7. PHYSICAL/CHEMICAL DATA

<b>APPEARANCE/ODOR:</b>	White liquid slight odor	<b>PHYSICAL STATE:</b>	Liquid
<b>BOILING POINT:</b>	212° F (100° C)	<b>MELTING POINT:</b>	32F
<b>VAPOR PRESSURE:</b>	17.5@ 20C	<b>VAPOR DENSITY:</b>	>1.0
<b>pH</b>	4.5-6	<b>SOLUBILITY IN WATER:</b>	Dilatable
<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1.0):</b>	1.1	<b>EVAPORATION RATE: (Butyl Acetates 1)</b>	1
<b>VOLATILE (% VOL.)</b>	43-46%		

## 8. FIRE AND EXPLOSION

<b>FLASH POINT:</b>	>212F	<b>LOWER EXPLOSIVE LIMIT:</b>	Not available
<b>AUTO IGNITION TEMPERATURE:</b>	Not combustible	<b>UPPER EXPLOSIVE LIMIT:</b>	Not available
<b>FLAMMABLE LIMITS</b>	Not applicable	<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Fire Fighters should be equipped with self –contained breathing apparatus to protect against potentially toxic and irritating fumes.
<b>EXTINGUISHING MEDIA:</b>	Water Fog; Foam; CO <sub>2</sub> ; Dry Chemical	<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	This is a water based product and presents no particular fire or explosion hazard. Dry polymer film will burn. Product contains low level of organic volatiles which may be emitted at elevated temperatures.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	Carbon Monoxide, Carbon Dioxide, Unknown hydrocarbons		

## 9. STABILITY AND REACTIVITY DATA

<b>STABILITY:</b>	Product is normally stable at ambient temperatures and pressures.
<b>INCOMPATIBILITY (MATERIALS AND CONDITIONS TO AVOID):</b>	Avoid contact with strong oxidizing agents, Material that reacts with water. Protect from temperatures below 40F.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur.



## 10. PRECAUTIONS FOR HANDLING, STORAGE AND DISPOSAL

### **HANDLING AND STORAGE**

Avoid extreme temperatures. Keep from freezing. Keep container closed when not in use.

### **SPILL:**

Use dry clean-up methods that do not disperse or allow entry into surface water, municipal or sewer. Absorb spillages onto sand, earth or any suitable absorbent material. Material can be used if not contaminated. Place in an appropriate container for disposal or use. Avoid inhalation and contact with skin and eyes. Use exposure control and personal protection methods as described in Section 10.

### **DISPOSAL:**

Comply with all applicable local, state and federal regulations for disposal of unusable or contaminated materials. Dispose of packaging/containers according to local, state and federal regulations. Empty containers may contain product residue; follow MSDS and label warning even after they have been emptied

## 11. TOXICOLOGICAL INFORMATION

See Section 5 for Hazard Identification. No recognized unusual toxicity to plants and animals.

Conditions aggravated by exposure: Eye disease, Skin disorders and Chronic Respiratory conditions.

## 12. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **RESPIRATORY PROTECTION:**

None required under normal handling conditions.

If vapor mist levels are irritating use NIOSH approved respirators.

### **EYE PROTECTION:**

Wear safety glasses with side shields or goggles to avoid contact with the eyes. In unpredictable environments, wear tight-fitting unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when handling this product.

### **SKIN PROTECTION:**

Wear impervious abrasion- and alkali-resistant gloves, boots, long-sleeved shirt, long pants or other protective clothing to prevent skin contact. Promptly remove contaminated clothing and launder before re-use. If contact occurs, wash areas contacted by material with soap and water.

## 13. DISPOSAL CONSIDERATIONS

### **DISPOSAL:**

All disposal methods must be in compliance with all Federal, State/ Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and



compliance with applicable laws are the responsibility solely of the waste generator. Empty containers may contain product residue, follow MSDS and label warnings even after they have been emptied.

#### 14. TRANSPORTATION DATA

Concrete Glue is not hazardous under U.S. DOT.

#### 15. OTHER REGULATORY INFORMATION

**Status under US OSHA Hazard  
Communication Rule 29 CFR 1910.1200:**

Concrete Glue is considered a hazardous chemical under this regulation and should be included in the employer's hazard communication program.

**Status under TSCA (as of May 1997):**

Substances in Concrete Glue are on the TSCA inventory list.

**Status under California Proposition 65:**

This product contains the following chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm:  
Acetaldehyde, CAS # 75-07-0

**SARA Title III Section 313:**

Not subject to reporting requirements under Section 313.

#### 16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. It is the user's obligation to determine the conditions of safe use of this product.