

**34953-1004****MATERIAL SAFETY DATA SHEET****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product Name:** Studio™ by Sculpey® Bake & Bond™**Product Use:** Bakeable adhesive for polymer clay**Manufacturer:**

Polyform Products Company  
 1901 Estes Avenue  
 Elk Grove Village, IL 60007 USA  
 Phone: 1-847-427-0020

**Emergency Telephone Number:**

1-847-427-0020  
 available only during office hours

Date of Preparation: 11-19-2007

**2. HAZARD IDENTIFICATION****Emergency Overview**

Do not inhale fumes during baking. Overheating of this material will result in release of irritating vapors and acrid smoke.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| <u>Components</u>   | <u>CAS number</u> | <u>Weight %</u> |
|---|-------------------|-----------------|
| Ingredients not identified are proprietary and non-hazardous. |                   |                 |

**4. FIRST AID MEASURES****Eye Contact:** Rinse eye thoroughly with plenty of water. If symptoms persist, seek medical attention.**Skin Contact:** Wash with soap and water.**Ingestion:** Wash out mouth with water. If symptoms persist, seek medical attention.**Inhalation:** Seek fresh air after inhalation of fumes in the case of overheating material in oven.**5. FIRE-FIGHTING MEASURES****Flash Point:**

n/a

**Autoignition Temperature:**

n/a

**Explosion Limits in Air:**

Not explosive

**Extinguishing Agents:**

Use water spray jet, foam, carbon dioxide, dry chemical.

**Hazardous Decomposition Products:**

In the case of overheating in oven, carbon monoxide, carbon dioxide and noxious hydrochloric acid vapors.

**Special Protective Equipment for Fire Fighters:**

Wear self-contained breathing apparatus with full face piece and protective clothing.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:** None. In case of overheating material, turn off oven. Ventilate area by opening nearest window. Seek fresh air, if fumes are inhaled.  
**Environmental Precautions:** Contain spill.  
**Methods for Cleaning Up:** Collect and reuse or dispose with domestic refuse.

**7. HANDLING AND STORAGE**

**Handling:** Do not heat above 175°C (350°F) or allow to come in contact with an open flame. Use oven thermometer. Do not use microwave oven for baking. Do not overbake. Do not exceed the recommended baking temperature or time. Wash hands with soap and water after use.

**Storage:** Store unused material in a cool, dry place. Keep container tightly closed.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Limits:** Threshold exposure limit values data not available.  
**Eye Protection:** n/a  
**Skin and Body Protection:** n/a  
**Respiratory Protection:** n/a

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|                                      |  |
|--------------------------------------|--|
| <b>Color:</b> Opaque white           | <b>pH:</b> n/a                             |
| <b>Appearance:</b> Viscous liquid    | <b>Solubility in Water:</b> Not soluble    |
| <b>Odor:</b> Characteristic          | <b>Reactivity in Water:</b> Non-reactive   |
| <b>Boiling Point:</b> Not determined | <b>Specific Vapor Density (Air=1):</b> n/a |
| <b>Melting Point:</b> n/a            | <b>Vapor Pressure:</b> n/a                 |

**10. STABILITY AND REACTIVITY**

**Stability:** Product is stable.  
**Polymerization:** Not known to occur.  
**Hazardous Decomposition Products:** Acidic vapors  
**Materials to Avoid:** None  
**Conditions to Avoid:** None when used as intended.

**11. TOXICOLOGICAL INFORMATION**

**Effects and Symptoms of Acute Exposure:** None expected.  
**Effects and Symptoms of Chronic Exposure:** None expected.

**Carcinogen Listing**

**NTP:** No      **IARC:** No      **OSHA:** No

**12. ECOLOGICAL INFORMATION**

No harmful effects to the environment are known if material is used as intended and disposed of in the appropriate manner.

**13. DISPOSAL CONSIDERATIONS**

If recycling is not available, dispose with domestic refuse. Observe all federal, state and local regulations.

**14. TRANSPORT INFORMATION**

Not regulated by US DOT.

**15. REGULATORY INFORMATION**

**TSCA** (TSCA Substances Control Act): All ingredients are on the TSCA Chemical Substances Inventory.

**OSHA**: This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

**SARA** Title III (Emergency Planning and Community Right-to-Know Act) Section 313 Reportable Ingredients: This product does not contain a chemical that is listed in Section 313.

This product has been reviewed by a toxicologist and carries the AP seal. The labeling conforms to ASTM D-4236.

**State Regulations:****California Proposition 65:**

This product contains no known chemicals known by the State of California to cause cancer.

This product contains no known chemicals known by the State of California to cause birth defects or other reproductive harm.

**International Regulations:**

**CEPA** (Canadian Environmental Protection Act): All components are on the DSL (Domestic Substances List).

**Canada**

**WHMIS** Classifications: This product is not a controlled product under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**EINECS**: All the components of this product are on the European Inventory of Existing Commercial Chemical Substances.

**16. OTHER INFORMATION**

n/a: not applicable

Prepared by: K. Rausch 11/19/2007

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