

33902-XXXX



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: Studio™ by Sculpey®

Product Use: Oven hardening modeling material for hobby use

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: 01-21-2008

2. HAZARD IDENTIFICATION

Emergency Overview

Do not inhale fumes during baking. Overheating oven hardening polymer clays will result in blackening and release of irritating gases including hydrogen chloride vapor.

Potential Health Effects

Eye Contact: This product may be an eye irritant.
Skin Contact: This product may be a skin irritant.
Ingestion: May cause gastric disturbances if ingested.
Inhalation: Overheating this material may cause vapors that will probably irritate mucous membranes, eyes, nose, and respiratory passages.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS number</u>	<u>Weight %</u>
Butyl benzyl phthalate	85-68-7	0<x<4
Di-n-hexyl phthalate	84-75-3	0<x<1

This product carries the "CL" seal and labeling conforms to ASTM D4236.
Oven hardening modeling material based on polyvinyl chloride, plasticizer, fillers and colorants.
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), allow to come in contact with an open flame or use with a hot knife or wire. Use oven thermometer when hardening material in oven. 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 preferably in a sealed non-reactive container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No threshold exposure limit values known.
Eye Protection: None required.
Skin and Body Protection: None required.
Respiratory Protection: Not required when hardening and modeling according to instructions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Various	pH:	n/a
Appearance:	Solid, malleable	Solubility in Water:	Not soluble
Odor:	Characteristic	Reactivity in Water:	Non-reactive
Boiling Point:	n/a	Specific Vapor Density (Air=1):	n/a
Melting Point:	n/a	Vapor Pressure:	n/a

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Contact the addressee in Section 1 for product toxicology information.

12. ECOLOGICAL INFORMATION

No harmful effects to the environment are known if finished product 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

The finished product is not regulated by US DOT.
The finished product does not constitute a reportable quantity of hazardous substance in national/international road, rail, sea and air transport.

15. REGULATORY INFORMATION

Conforms to ASTM D-4236. This product has been reviewed by a toxicologist.

State Regulations – This product has been evaluated for California Prop 65 supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below.

<u>Butyl benzyl phthalate</u>	<u>Di-n-hexyl phthalate</u>
Cal Prop 65: Listed	Cal Prop 65: Listed

WARNING: The product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

International Regulations – This product has been evaluated for Canada and EU supplier notification requirements. Substances that are subject to notification requirements, if any, are listed below.

<u>Butyl benzyl phthalate</u>
Canada WHMIS Ingredient Disclosure: Listed
EU: Listed as Category 2, Developmental Toxicity, Category 3, Fertility

16. OTHER INFORMATION

n/a: not applicable

This MSDS applies to the following colors which are associated with hazardous and/or non-hazardous ingredients.

<u>Product Color</u>	<u>Hazardous Ingredients</u>
6101 Whipped Cream	Yes
6104 Buttercream	Yes
6207 Sedona	Yes
6210 Poppy	Yes
6213 Pomegranate	Yes
6316 Blush	Yes
6319 Raspberry Smoothie	Yes
6322 Fuchsia Fury	Yes
6325 Lavender 'n Lace	Yes
6328 Iris	Yes
6431 Lemon Drop	Yes
6434 Sunny Side Up	Yes
6437 Butterscotch	Yes
6440 Clementine	Yes
6443 Wasabi	Yes
6446 Avocado	Yes
6449 English Garden	Yes
6452 Peapod	Yes
6455 Patina	Yes
6458 Spanish Olive	Yes
6461 Clover	Yes

Product Color

6464 Evergreen
 6567 Tropical Teal
 6570 Peacock
 6573 Raindrop
 6576 Denim
 6779 Desert Sand
 6782 Nutmeg
 6785 Cappuccino
 6788 Coffee Bean
 6891 Stardust
 6894 Antique Gold
 6897 Dolphin
 6900 After Midnight

Hazardous Ingredients

Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes
 Yes

The MSDS supersedes a previous MSDS dated: 8/23/2007
 Prepared by: K. Rausch 1/21/2008

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