SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Identifiers:

Product Trade Name: Sculpey Bake Shop®
Product Use: Oven hardening modeling material for hobby use
Restrictions on Use: None known.

Details of the Manufacturer/Supplier:

Company Name: Polyform Products Company, Inc.
Address: 1901 Estes Avenue
Elk Grove Village, IL 60007 USA
Telephone: 1-847-427-0020
Website: www.sculpey.com
Email: info@polyformproducts.com
Contact Person: Regulatory Dept

Emergency Telephone Numbers:

For transportation emergencies only, call: 1-847-427-0020
For health emergencies, call the Poison Control center: 1-800-222-1222

SECTION 2: HAZARD(S) IDENTIFICATION

Information in accordance with 29 CFR 1910.1200 (Hazcom 2012) in effect May 25, 2012:
Classification of the chemical in accordance with 29 CFR 1910.1200(d):

Physical Hazards: Not classified.
Health Hazards: Not classified.
Environmental Hazards: None.
OSHA Defined Hazards: None.
Label Elements:
Hazard Symbol: None.
Signal Word: None.
Hazard Statement: None.
Precautionary Statement:
Prevention: Avoid release to the environment.
Response: Wash hands after handling.
Storage: Store away from incompatible materials.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise Classified (HNOC): None known.
Supplemental Information: Do not inhale fumes during baking. Overheating oven hardening polymer clays will result in blackening and release of irritating gases including hydrogen chloride vapor.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS Number	PEL/TLV	Max Weight %	NTP	IARC

Components are proprietary, non-hazardous and/or present at amounts below reportable limits. Exact percentage values for components are proprietary in accordance with 29 CFR 1910.1200(i) and that the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures:

General: If irritation or other symptoms occur or persist from any route of exposure see a physician/get medical attention.

Eye Contact: Any material that contacts the eye should be washed out immediately with water for 5-10 minutes. Seek medical attention if symptoms occur.

Skin Contact: Wash the affected area thoroughly with plenty of soap and water.Seek medical attention if symptoms occur.

Inhalation: Seek fresh air after inhalation of fumes in the case of overheating material in oven. Seek medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If symptoms persist, seek medical attention.

Protection of First Aid Responders: Wear proper personal protective clothing and equipment.

Most important symptoms and effects, both acute and delayed: Irritation. Pre-existing skin problems may be aggravated by prolonged or repeated exposure.

Indication of any immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray jet, foam, carbon dioxide, ABC dry chemical.

Unsuitable Extinguishing Media: None known.

Specific Hazards Arising from the Chemical: In the case of overheating in oven, carbon monoxide, carbon dioxide and noxious hydrochloric acid vapors may be formed.

Special Protective Equipment and precautions for firefighters: Wear self-contained breathing apparatus with full face piece and full protective clothing.

Fire Fighting Equipment Instructions: Move containers from fire area if you can do so without risk.

Specific Methods: Use standard firefighting procedures and consider the hazards of other materials involved.

General Fire Hazards: No unusual fire or explosion hazards noted.

Flash Point:	n/a
Autoignition Temperature:	n/a
Explosion Limits in Air:	Not explosive
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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: None expected. In case of overheating material, turn off oven. Ventilate area by opening nearest window. Seek fresh air. If fumes are inhaled, see section 4 of the SDS.

Methods and materials for Containment and Cleaning Up: Collect and reuse or dispose with domestic refuse in accordance with all applicable regulations. For waste disposal, see Section 13 of the SDS.

Environmental Precautions: Avoid release to the environment.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Good industrial hygiene requires that exposure be maintained below the TLV. This is preferably achieved through using the product under well-ventilated conditions. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid inhalation of fume or vapor. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse.

Conditions for Safe Storage, Including and Compatibilities: Store unused material in a cool, dry place preferably in a sealed non-reactive container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Occupational Exposure Limits: No applicable exposure limits.

Biological Limit Values: No biological exposure limits not for the ingredient(s).

Appropriate Engineering Controls: Good general ventilation should be used.

Individual Protection Measures, Such as Personal Protective Equipment

Eye/Face Protection: When sanding, wear protective goggles or a face shield.

Skin and Body Protection: n/a

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory protection.

General Hygiene Considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. 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 an oven thermometer when hardening material in oven. Do not use a microwave oven for baking. Do not overbake. Do not exceed the recommended baking temperature or time.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Color: Various

Appearance: Solid, malleable

Odor: Characteristic

Boiling Point: n/a

Melting Point: n/a

pH: n/a

Solubility in Water: Not soluble

Reactivity in Water: Non-reactive

Specific Vapor Density (Air=1): n/a

Vapor Pressure: n/a

SECTION 10: STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical Stability: Material is stable under normal conditions.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Conditions to Avoid: None.

Incompatible Materials: Items made of PVC, polystyrene

Hazardous Decomposition Products: Hydrochloric acid vapors

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure:

Inhalation: Prolonged inhalation may be harmful.

Skin Contact: No adverse effects due to skin contact are expected.
Eye Contact: Direct contact with the eye may cause temporary irritation.
Ingestion: Expected to be a low ingestion hazard.

Symptoms relating to the physical, chemical and toxicological characteristics
Information on Toxicological Effects:

Acute Toxicity:

Acute Effects Associated with use of this Material: None expected
The summated LD50 is >50000 mg/kg. The summated LC50 is 99999 mg/cubic meter.

Skin Corrosion/Irritation: Prolonged skin contact may cause temporary irritation.
Serious Eye Damage/Eye Irritation: Direct contact with the eye may cause temporary irritation.

Respiratory or Skin Sensitization:

Respiratory Sensitization: Not a respiratory sensitizer.
Skin Sensitization: This product is not expected to cause skin sensitization.
Germ Cell Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Carcinogen Listing – see Section 3 of SDS
NTP: No **IARC:** No **OSHA:** No
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) – not listed

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.
Specific Target Organ Toxicity – Single Exposure: Not classified.
Specific Target Organ Toxicity – Repeated Exposure: Not classified.
Aspiration Hazard: Not an aspiration hazard.
Chronic Effects: Prolonged inhalation may be harmful.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available. No harmful effects known other than those associated with suspended inert solids in water.
Persistence and Degradability: No data is available on the degradability of this product.
Bioaccumulative Potential Mobility in Soil: No data available.
Other Adverse Effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect and reclaim or dispose in sealed container. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds or waterways with product. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local Disposal Regulations: Dispose in accordance with all applicable regulations.
Waste from Residues/Unused Products: Dispose in accordance with all applicable regulations.
Contaminated Packaging: Dispose in accordance with all applicable regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number: N/A **UN Proper Shipping Name:** Not Regulated

Transport Hazard Class(es):

US DOT (49 CFR 172.101): Not regulated as a dangerous good.
Canada TDG Hazard Class: N/A **IMDG Code (ocean) Hazard Class:** N/A
Europe ADR/RID Hazard Class: N/A **ICAO/IATA (air) Hazard Class:** N/A
A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation.

Packing Group: N/A

Environmental Hazards:
Marine Pollutant: Not Applicable.

Hazardous Substance (USA): Not Applicable.

Transport in Bulk according to Annex II of MARPOL 73-78 and IBC Code: Not Applicable.

Special Precautions for User: Not Applicable.

SECTION 15: REGULATORY INFORMATION

Contents of the SDS Comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200

US Federal Regulations:
EPA SARA TITLE III Chemical Listings: None
SARA Section 302.4 (40 CFR 355) Extremely Hazardous Substance: None
Section 313 Toxic Chemicals (40 CFR 372): None
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D): None
CERCLA Hazardous Substances List (40 CFR 302.4): Not Listed
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050): Not Listed
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not Regulated
Clean Air Act (CAA) Section 112® Accidental Release Prevention (40 CFR 68.130): Not Regulated
Safe Drinking Water Act (SDWA): Not Regulated

US State Regulations:
California Proposition 65:
The following ingredients present in the product are known to the State of California to cause Cancer, Birth Defects, or Reproductive Harm: None known to be present

Washington Children's Safe Products Act – Chemicals Requiring Notification: None

This material has been reviewed by a toxicologist in the US and carries the AP seal from the Art & Creative Materials Institute (ACMI). The labeling conforms to US 16 CFR 1500-14 and ASTM D 4236.
Under CPSC's Consumer Product Regulations (16 CFR 1500.3 and 1500-14), this product has the following required acute and chronic hazard labeling: None

International Regulations:

Canadian WHMIS: This product is a controlled product under Canada's Workplace Hazardous Materials Information System. It contains the following toxic or highly toxic materials:
Pigment Red 101

Canadian Ingredient Disclosure List: None known to be present or none in reportable amounts.

Mexico Regulations/Legislation: This SDS contains the information required by NOM-018-STPS-2000 Workplace Hazardous Chemical Substances Communication and Identification Standard.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue Date: 06/12/2024
Version #: 4
Supercedes Version 3 – 09/02/2020
Disclaimer:
The information contained herein is provided in good faith and is subject to change without notice. It is believed to be accurate and represents the best information currently available to us. However, we make no warranty, fitness for a particular purpose or of any other type, expressed or implied, with respect to products described or data or information provided. We assume no liability resulting from the use of such products, data or information. Users should determine the suitability of the information for their particular purpose. The user assumes all risk arising from their use of the material. The user is required to comply with all laws and regulations relating to the purchase, use, storage and disposal of the material and must be familiar with and follow generally accepted safe handling procedures.

This SDS applies to the following colors:

Sculpey Bake Shop® Products

1802 WHITE
1803 GRAY
1804 BEIGE
1810 RED
1814 ORANGE
1816 YELLOW
1818 PINK
1821 TURQUOISE
1822 GREEN
1826 BLUE
1830 PURPLE
1832 BROWN
1835 BLACK
1840 TAN