



MATERIAL SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: premo! Sculpey® & premo! Sculpey® Accents

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
info@polyformproducts.com
www.sculpey.com

Emergency Telephone Number:

1-847-427-0020
Only available during office hours
Monday - Thursday 7 AM - 4 PM CST

Date of Preparation: 09/19/2012

SECTION 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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components

CAS number

Weight %

Oven hardening modeling material composed of polyvinyl chloride, plasticizer, fillers and colorants.
This material contains no dangerous substances to be declared.

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: No threshold exposure limit values known.

Eye Protection: n/a

Skin and Body Protection: n/a

Respiratory Protection: n/a

SECTION 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 |

SECTION 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.

SECTION 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

SECTION 12: ECOLOGICAL INFORMATION

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

SECTION 13: DISPOSAL CONSIDERATIONS

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

SECTION 14: TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):
Proper Shipping Name: Not Regulated

SECTION 15: REGULATORY INFORMATION

This material is not classified as hazardous.
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.

SECTION 16: OTHER INFORMATION

n/a: not applicable

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

premo! Sculpey® Products

5001 WHITE
5003 DENIM
5007 SPANISH OLIVE
5010 NAVY BLUE
5020 BLUSH
5022 WASABI
5026 POMEGRANATE
5033 ORANGE
5042 BLACK
5053 BURNT UMBER
5063 COBALT BLUE HUE
5072 ZINC YELLOW HUE
5092 BEIGE
5093 ECRU
5317 FROST
5323 GREEN
5382 CADMIUM RED HUE
5383 ALIZARIN CRIMSON HUE
5392 RAW SIENNA
5503 FLUORESCENT PINK
5504 FUCHSIA
5504 TURQUOISE
5513 PURPLE
5523 CANDY PINK
5525 SUNSHINE
5529 RHINO GRAY
5535 JUNGLE
5562 ULTRAMARINE BLUE HUE
5572 CADMIUM YELLOW HUE
5600 FLUORESCENT YELLOW

premo! Sculpey® Accents Products

5029 MAGENTA PEARL
5031 PURPLE PEARL
5035 BRIGHT GREEN PEARL
5038 PEACOCK PEARL
5040 TRANSLUCENT BLUE
5044 TRANSLUCENT RED
5046 TRANSLUCENT YELLOW
5048 TRANSLUCENT GREEN
5049 BLUE GLITTER
5051 RED GLITTER
5055 18K GOLD
5057 FROST WHITE GLITTER
5059 BLUE GRANITE
5061 WHITE GRANITE
5065 GRAY GRANITE
5067 COPPER
5101 PEARL
5129 SILVER
5289 BLUE PEARL
5303 GOLD
5310 TRANSLUCENT
5317 ANTIQUE GOLD
5519 BRONZE
5527 WHITE TRANSLUCENT
5540 TWINKLE TWINKLE
5550 GREEN GLITTER

The MSDS supersedes a previous MSDS dated: 05/11/2009
Prepared by: K. Rush 09/19/2012

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