



84324-1003

DATE ISSUED: 3/8/2024
Sculpey® Color Tints ALSCTN

Version 1.0

SAFETY DATA SHEET (SDS)
According to OSHA HCS (29 CFR 1910.1200)

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sculpey® Color Tints

Product Code: ALSCTN

Product Use: Color tints for liquid polymer clay and oven bake modeling clays
Restrictions on Use: Craft product, Not a toy. Not for use by children.

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 II – HAZARDS IDENTIFICATION

While this material is classified as non-hazardous under GHS and Federal OSHA Hazard communication Standard 29 CFR 1910.1200(d) regulations, this SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

GHS Classification:	Not a hazardous substance or mixture
GHS Label Element:	Not a hazardous substance or mixture
Other hazards:	None known

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Label elements in accordance with 29 CFR 1910.1200(f):

Hazard pictogram(s):	Not Applicable
Signal word:	Not Applicable
Hazard statements:	Not Applicable
Precautionary statements:	Not Applicable

POTENTIAL PHYSICAL AND ENVIRONMENTAL EFFECTS:

None known.

POTENTIAL HEALTH EFFECTS:

Inhalation and skin contact are expected to be the primary routes of exposure to this material. On the basis of available information, exposure to this material is not expected to produce significant adverse human health effects; however, use of appropriate good hygiene and safety precautions to control exposure is recommended when handling or using this material.

It is practically non-toxic if swallowed or absorbed through skin, no more than slightly toxic if inhaled, and slightly irritating to eyes and skin. Repeated exposure may cause an allergic skin reaction. Precautions should be taken to limit aerosolization or misting of this material, as aerosols may be irritating to the eyes and upper respiratory tract.

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SECTION III – PRODUCT COMPOSITION

RED:

Chemical Name	CAS #	% by Weight
Epoxidized Soybean Oil	8013-07-8	90.0 – 100.0
Organic Red Pigment	84632-65-5	<5.0
Diethyl Adipate (Bis (2-ethylhexyl) Adipate)	103-23-1	<5.0

Additional information:

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

YELLOW:

Chemical Name	CAS #	% by Weight
Epoxidized Soybean Oil	8013-07-8	90.0 – 100.0
Organic Yellow Pigment	77804-81-0	<5.0
Diethyl Adipate (Bis (2-ethylhexyl) Adipate)	103-23-1	<5.0

Additional information:

The specific chemical identity and/or percentage of composition has been withheld as a trade secret.

BLUE:

Chemical Name	CAS #	% by Weight
Epoxidized Soybean Oil	8013-07-8	90.0 – 100.0
Organic Blue Pigment	147-14-8	<5.0
Diethyl Adipate (Bis (2-ethylhexyl) Adipate)	103-23-1	<5.0

Additional information:

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

SECTION IV – FIRST AID MEASURES

Description of first aid measures:

Inhalation:

If inhaled, move to fresh air. Get medical attention if symptoms develop or persist.

Skin Contact:

Wash off with soap and water. Get medical attention if irritation develops or persists.

Eye contact:

Rinse immediately with water. Get medical attention if irritation develops or persists.

Ingestion:

If swallowed, do not induce vomiting. Give a glass of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

General information:

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Skin may discolor due to pigment. Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT METHOD: >590°F (COC)

Auto Ignition Temperature:	Not Applicable
Flammable Limits LEL:	Not Applicable
Flammable Limits UEL:	Not Applicable
Sensitivity to Mechanical Impact:	Not Applicable
Sensitivity to Static Discharge:	Not Applicable



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EXTINGUISHING MEDIA:

Use water spray. A solid stream of water or foam may cause frothing and spattering. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

UNUSUAL FIRE/EXPLOSION HAZARDS:

Product is not considered a fire hazard. When burned, hazardous products of combustion including carbon monoxide and dioxide can be formed. Acrolein can be generated at 550° F.

FIRE FIGHTING INSTRUCTIONS:

Special protective equipment and precautions for fire-fighters and others who may be exposed to products of combustion should wear full fire-fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand NIOSH approved or equivalent). Fire-fighting equipment should be thoroughly decontaminated after use. See Section 9 for additional information.

SECTION VI- ACCIDENTAL RELEASE MEASURES

Environmental Precautions:

Water Spill:

Keep material out of storm sewers and ditches which lead to waterways. Contain spilled material with sand or earth. Clean up spill immediately, observing precautions in the Personal Protection Section of SDS.

Land Spill:

Isolate hazard area and deny entry to unnecessary or unprotected personnel. Contact applicable authorities and determine applicable regulations based on SDS information.

Air Release:

Contact applicable authorities and determine applicable regulations based on SDS information.

Methods for Containment and Clean up:

Take up mechanically and dispose of it according to local, state, and federal regulations. For small amounts, absorb with a liquid binding material such as diatomaceous earth and dispose of it according to local, state and federal regulations. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner.

SECTION VII – HANDLING AND STORAGE

Handling:

Precaution for safe handling:

As with any chemical product, use good personal hygiene. Do not cut or puncture the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Handle in accordance with good hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin, and clothing.

Storage:

This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage. Do not store in an open, unlabeled, or mislabeled container. Keep container closed when not in use. Do not reuse empty containers.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

The components of this product have no established Airborne Exposure Guidelines

CHEMICAL NAME		OSHA PEL		ACGIH TLV	
		ppm	mg/ m3	ppm	mg/ m3
Epoxidized Soybean Oil (ESO)	TWA	N/A	N/A	N/A	N/A
	STEL	N/A	N/A	N/A	N/A

ENGINEERING CONTROLS:

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposures. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE PROTECTION:

Use good personal hygiene practice to avoid eye contact.

SKIN PROTECTION:

Minimize skin contamination by following good personal hygiene practice. Wash hands and contaminated skin thoroughly after handling.

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HYGIENIC WORK PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

RESPIRATORY PROTECTION:

Not required.

EXPOSURE GUIDELINES:

Absence of values indicates none found.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Red or Yellow or Blue viscous liquid
Boiling Point	417°C (782.6°F)
Specific Gravity	Not determined
Weight Per Gallon	Not determined
Freezing Point	-70°C (-94°F)
Physical State	Viscous liquid
Vapor Pressure (20 C)(MM HG)	Very low
Vapor Density (Air=1)	Non-volatile
Evaporating Rate (Butyl Acetate=1)	Very low
Solubility in Water (20C)	Insoluble
Percent Volatile	No data available
Acid/Alkalinity(MEQ/G)	No data available
pH	Not applicable
Viscosity (Brookfield, 20 rpm spindle #5)	Not determined

SECTION X – STABILITY AND REACTIVITY

STABILITY:

This material is chemically stable under specified conditions or storage, shipment and/or use. See HANDLING AND STORAGE section of SDS for specified conditions.

REACTIVITY:

None known.

HAZARDOUS POLYMERIZATION:

Hazardous polymerization may occur if contaminated with strong acid.

CONDITION TO AVOID:

Excessive heat and ignition sources.

INCOMPATIBILITY:

Contact with strong acid may result in volume expansion. Do not expose to temperatures greater than 400°F.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

SECTION XI – TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS:

Single exposure (acute) studies indicate:

Route of Exposure	Species	Test Method/Effect
Oral	Rat	LD 50 22,400 mg/kg
Dermal	Rabbit	LD 50 19,900 mg/kg
Inhalation	Rat (Exposure to concentrated vapors for 8 hours	Produced no deaths in rats
Skin Irritation	Rabbit	Slightly Irritating
Eye Irritation	Rabbits	Slightly Irritating

SOYBEAN OIL, EPOXIDIZED:

Single exposure (acute) studies indicate:

Route of Exposure	Species	Test Method/Effect
Swallowed	Rat , Non-toxic	LD 50 22,400 mg/kg
Dermal	Rabbit	LD 50 19,900 mg/kg

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Inhalation	Rat (Exposure to concentrated vapors for 8 hours	Produced no deaths in rats
Skin Irritation	Rat	LD 50 19,900 mg/kg, Slightly Irritating
Skin Allergy	Guinea Pig	None
Eye Irritation	Rat	Slightly Irritating

Long-term dietary administration to rats produced increased mortality, reduced body weight gains, kidney and liver changes (enlarged, fatty infiltration of the liver), degeneration of the testes, and slight changes in the uterus. Life-time application to the skin of mice or life-time administration in the diet to rats did not increase the incidence of tumors. No effects were seen on the ability of male or female rats to reproduce or on the development of the offspring when exposed orally prior to mating. No genetic changes were observed in test using bacteria and human or animal cells.

SECTION XII – ECOLOGICAL INFORMATION

ECO TOXICOLOGICAL INFORMATION

Soybean Oil, epoxidized	Brine shrimp – (non-toxic)	24 hr LC 50 240 mg/l
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The non-acclimated and acclimated extent of bio-oxidation was 0% and 24%, respectively, after 20 days in fresh water. The measured chemical oxygen demand (COD) was determined to be 2.24 mg/mg. This material is not considered readily biodegradable in fresh water based on these data.

OTHER ADVERSE EFFECTS:

No additional information available.

SECTION XIII – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

Disposal should be made in accordance with federal, state, and local regulations.

See Section 8 for recommendations on the use of personal protective equipment.

SECTION XIV – TRANSPORT INFORMATION

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

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 XV – REGULATORY INFORMATION

CHEMICAL CATEGORIES UNDER CRITERIA OF SARA TITLE III RULES (40 CFR PART 370):

Immediate (Acute) Health	N
Delayed (Chronic) Health	N
Fire	N
Reactive	N
Sudden Release of Pressure	N

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A "N" listing indicates that for one or more components: 1) there is no listing on the public inventory; 2) no information is available; or 3) the component has not been reviewed.

The components of this product are all on the TSCA Inventory list.

INGREDIENT RELATED REGULATORY INFORMATION:

SARA Reportable Quantities	CERCLA RQ	SARA TPQ
Soybean oil, epoxidized	NE	

CALIFORNIA PROPOSITION 65:

This product does not contain any chemical known to the state of California to cause cancer, birth defects or reproductive toxicity.

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

SECTION XVI – OTHER INFORMATION			
HMIS			
Health: 1	Flammability: 1	Reactivity: 0	Personal Protection: X
NFPA			
Health: 1	Flammability: 1	Reactivity: 0	N/A

Key: 0=Insignificant; 1=Slight; 2=Moderate; 3=High; 4=Extreme. An asterisk appearing after the HMIS Health numerical rating denotes a chronic hazard.

Hazardous Materials Identification System (HMIS), National Paint and Coating Association, rating applies to product "as packaged" (i.e., ambient temperature). Ratings are based upon HMIS® III and NFPA 704 (2007). An asterisk appearing after the HMIS Health® III numerical rating denotes a chronic hazard. National Fire Protection Association (NFPA) rating identifies the severity of hazards of material during a fire emergency (i.e., "on fire").

LEGEND:

A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation. A "NE" Not Established

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.

Date of Issue:
Version 1.0: March 8, 2024