



SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Revision date: March 2022.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Sculpey Thinner & Clay Softener

Product number 100-284

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Plasticizer; Liquid material used to soften firm polymer clay

1.3. Details of the supplier of the safety data sheet

Manufacturer / Supplier PotteryCrafts/Tiranti
Campbell Road
Stoke on Trent
ST4 4ET

1.4. Emergency telephone number 01782 745000 (OFFICE HOURS)

Emergency telephone 01782 745000 (Office Hours)

SECTION 2: Hazards 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):

Classification of the substance or mixture:

Classification of the chemical in accordance with 29 CFR 1910.1200(d):

Not classified as hazard under any GHS hazard class.

Label Elements in accordance to 29 CFR 1910.1200(f):

Hazard pictograms(s): Not applicable

Signal word: Not applicable

Hazard statements: Not applicable

Precautionary statements: Not required, as this product is not classified as hazardous. Wash hands thoroughly after handling with soap and water. If swallowed, in eyes, on skin or inhaled call a poison control centre or doctor/physician if you feel unwell. If inhaled, remove person to fresh air and keep at rest in a comfortable position for breathing. Take off contaminated clothing before reuse. Store product in a well-ventilated place. Keep container tightly closed.

Supplemental information: No additional information

Other hazards:

Other hazards: Not applicable

SECTION 3: Composition/information on ingredients

Pure Substance

Chemical Name	CAS Number	Weight %
Acetyltri-n-butyl citrate	77-90-71 201-067-0	100%

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SECTION 4: First aid measures

Description of First Aid Measures:

Skin contact: Immediately flush with water for 15 minutes. Wash the contaminated skin with soap and water. If irritation develops, call a physician.

Eye contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Inhalation: If symptoms are experienced, remove affected person to fresh air and obtain medical attention.

Ingestion: If swallowed, contact physician or poison control centre immediately

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

Most important symptoms and effects, both acute and delayed:

Acute: Contact with the liquid may cause mild irritation to skin, eyes and mucous membranes. This material is not expected to be toxic by inhalation, ingestion or dermal exposure. Although it has been observed that health effects related to this substance are minimal, as with any chemical, use appropriate precautions during handling.

Delayed effects: None known.

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

SECTION 5: Firefighting measures

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

Unsuitable Extinguishing Media: None known.

Material will not ignite or support combustion unless water has evaporated. Dried solids may burn

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

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

Instructions:

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

SECTION 6: Accidental release measures

Personal Precautions, Protective Equipment Emergency Procedures:

None expected. In case of overheating material, turn off oven. Ventilate and 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 8 of the SDS

Environmental Precautions: Avoid release to the environment

SECTION 7: Handling and storage

Precautions for Safe Handling:

Wash hands thoroughly before eating or smoking after handling this material. Do not eat, drink or smoke in work areas. Prevent contact with incompatible materials. Avoid spills and keep away from drains.

Conditions for Safe Storage Including and Compatibilities:

Store unused material in a cool, dry place preferably in a sealed non-reactive container.

Dangerous incompatibility Reactions: Oxidizing materials

SECTION 8: Exposure Controls/personal protection

Control Parameters:

Occupational Exposure Limits: Not established.

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

Appropriate Engineering Controls: Facilities that are storing or using these materials should have proper ventilation equipment, and proper eyewash and safety shower facilities. Provide sufficient mechanical ventilation to maintain exposure below TLV(s). Good ventilation should be used.

Individual Protection Measures, Such as Personal Protective Equipment

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: Choose glove to protect hands against chemicals depending on the concentration and quantity of the substance.

Eye protection: Safety glasses to protect eyes against chemicals depending on the concentration and quantity of the substance.

Skin and body protection: Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential. Remove and wash contaminated clothing before re-use.

Protective measures: Wear suitable protective equipment. When using, do not eat, drink or smoke.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 9: Physical and Chemical Properties

Colour: Colourless or Light Yellow

pH: n/a

Appearance: Oily Liquid

Vapor Pressure: 0.8 mmHg @ 170°C

Specific Gravity: 1.048 @ 25°C

Boiling Point: 327°C (621°F)

Solubility in water: < 0.1%

Viscosity: 53.7 cps @ 25°C

Flash Point: 400°F (204°C) TCC

Molecular Weight: 402.50

Evaporation Rate: < 1 (Butyl acetate = 1)

Vapor Density: 14.1 (air = 1)

Freezing/Melting Point: -59°C (-75°F)

Octanol/Water Coefficient: Log Kow = 4.92

Odor Threshold: No data available.

Auto ignition Temperature: No data available.

Flammable Limits: No data available.

Flammability (solid, gas): Not applicable.

Explosive Properties: Not explosive.

Decomposition Temperature: No data available.

Oxidizing Properties: Not an oxidizer.

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: No dangerous reaction known under conditions of normal use.

Reactions:

Conditions to Avoid: Avoid static discharge and uncontrolled exposure to high temperatures

Incompatible Materials: Oxidising materials

Hazardous Decomposition Products: Decomposition products may include carbon monoxide, carbon dioxide.



SECTION 11: Toxicological information

Skin irritation: Non-irritating to both intact and abraded skin.

Eye contact: Slight to moderate erythema observed in contact with material over 20 minutes to 3 hours.

Skin sensitization: Not a sensitizer.

Mutagenicity: Not mutagenic.

Reproductive/Developmental Toxicity: No evidence of reproductive or developmental toxicity.

Carcinogen listing: NTP: No IARC: No OSHA: No ACGIH: No

Target organs: None known.

Aspiration hazard: No data available.

Primary route(s) of exposure: Skin contact and absorption, eye contact, and inhalation. Ingestion is not likely to be a primary route of exposure.

Most important symptoms and effects, both acute and delayed: Contact with citrate esters may cause mild irritation to skin, eyes and mucous membranes. This material is not expected to be toxic by inhalation, ingestion or dermal exposure. Although it has been observed that health effects related to this substance are minimal, as with any chemical, use appropriate precautions during handling. Delayed effects: None known.

Additive or synergistic effects: None known.

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: Material is inherently biodegradable

Bioaccumulative Bioconcentration is not expected to occur

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

Material is non-hazardous. This product has been reviewed by a toxicologist and carries the AP seal.

The labelling conforms to ASTM D 4236.

Safety, health and environmental regulations/legislation specific for the substance:

SARA 311/312 Hazards: No SARA hazards

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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The components of this product are reported in the following inventories:

REACH: On the inventory, or in compliance with the inventory

EINECS: On the inventory, or in compliance with the inventory

TSCA: On TSCA Inventory

DSL: All components of this product are on the Canadian DSL.

HMIS Rating: Health=0 Flammability=1 Reactivity=0

NFPA Rating: Health=0 Flammability=1 Reactivity=0

SECTION 16: Other information

Hazard statements in full

This product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of the relevant legislation are complied with. The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of material.

This information relates only to the specific material designated and may not be valid for such material used in combination With any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate And reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or Completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.