



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 Premo

Product number 100-130 to 100-146

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

Identified uses Oven Hardening modelling material for hobby use

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):

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

3.2. These products are not hazardous to health or the environment according to EU criteria.

Classification	Not classified.
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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

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: Firefighting measures

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

Unsuitable Extinguishing Media: None known.

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

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

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 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:**

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.

8.2. Exposure controls**Protective equipment****SECTION 9: Physical and Chemical Properties**

Colour: Various

pH: n/a

Appearance: Solid, malleable

Solubility in Water: Not soluble

Odour: Characteristic

Reactivity in Water: Non-reactive

Boiling Point: n/a

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

Melting Point: n/a

Vapour 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: No dangerous reaction known under conditions of normal use.

Reactions:

Conditions to Avoid: None.

Incompatible Materials: Items made of PVC, polystyrene

Hazardous Decomposition Products: Hydrochloric acid vapours

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

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.pottery crafts.co.uk / www.tiranti.co.uk
sales@pottery crafts.co.uk / Enquiries@tiranti.co.uk



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

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 Mica

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

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.