

## Safety Data Sheet

### **Section 1 – Product and Company Identification**

#### **Product Identification**

**Product Name:** Du-kit make 'n' bake modelling material

**Description:** Available in 50g and 250g bars, various colours

**Synonyms:** Polymeric clay, Polymer clay, Oven-hardening clay, Oven-bake clay

**Product Type:** Art media, modelling material for craft and hobby purposes

**Formulation:** Proprietary

#### **Company Identification**

Craft Polymers

110 Cessna Rd

Palmerston North, 4414

New Zealand

Emergency Tel.: +64-6-3567225

Importer -  
S&S Wholesale Pty. Limited  
18/10 Pioneer Avenue,  
Thornleigh NSW 2120  
Tel: 1300 731 529 Fax: 1300 739 715  
  
Emergency Contact:  
S&S Wholesale Pty. Limited  
Tel: 1300 731 529 Fax: 1300 739 715

### **Section 2 - Hazardous Identification / Emergency Overview**

**Inhalation** – In case of accidental overheating during the hardening process, hydrochloric acid vapour may be released.

**Ingestion** – No significant adverse effects expected

**Skin contact** – No significant adverse effects expected

**Eye contact** – May cause irritation via mechanical action

**Carcinogenic:** IARC – No      NTP – No      OSHA – No

#### **Hazard Ratings**

	<u>NPCA/HMIS</u>	<u>NFPA 704</u>	<u>Rating Key</u>
<b>Health</b>	0	0	0 = minimal
<b>Flammability</b>	0	0	1 = slight
<b>Reactivity</b>	0	0	2 = moderate
			3 = serious
			4 = severe

### **Section 3 – Composition / Information on Ingredients**

This product is classified as a MIXTURE.

Proprietary formulation containing polyvinyl chloride, plasticiser, stabilisers, functional additives and colourants.

This information is declared in accordance with 29 CFR 1910.1200(i) – *Trade Secrets*

None of the ingredients in this material are considered to be hazardous by OSHA (as defined by OSHA Hazard Communication Standard 29 CFR 1910)

#### **Section 4 – First Aid Measures**

**Inhalation:** In case of inhaling acrid fumes from accidental overheating during the hardening process, move to fresh air.  
**Ingestion:** Wash out mouth with water and seek medical advice  
**Skin contact:** Wash with water and soap.  
**Eye contact:** If irritation occurs, wash eye with clean water.

#### **Section 5 - Fire Fighting Measures**

Combustible Material

**Extinguishing media:** Whatever is appropriate for surrounding material  
**Special Fire-fighting Procedures or Equipment:** None required  
**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide  
**Unusual Fire / Explosion Hazards:** None known

#### **Section 6 – Accidental Release Measures**

Reuse or dispose of with domestic refuse.

In case of exposure to acrid fumes due to accidental overheating during hardening process, ventilate the area and move to fresh air.

#### **Section 7 – Handling and Storage**

**Handling:** Use in well ventilated area.  
Avoid temperatures over 130°C when heating.  
Avoid eating, drinking and smoking when using the product.  
Wash hands after use.  
**Storage:** Store product away from all heat sources.  
Do not store in PVC or Polystyrene containers

#### **Section 8 – Exposure Controls / Personal Protection**

**Exposure Limit Values:** No exposure limits known

#### **Section 9 - Physical and Chemical Properties**

**Colour:** Various  
**Appearance / State:** Malleable solid  
**Odour:** Slight. Emits more pronounced odour during the hardening process  
**Solubility (Water):** Insoluble  
**Solubility (Organics):** Insoluble  
**Density:** 1.25 g/cm<sup>3</sup>

## **Section 10 – Stability and Reactivity**

This material is stable and non-reactive with most materials

**Possibility of Hazardous reactions:** None known  
**Conditions to Avoid:** Temperatures over 150°C  
**Incompatible materials:** PVC, Polystyrene  
**Hazardous Decomposition Products:** Hydrochloric Acid Vapour

## **Section 11 – Toxicological Information**

**Acute Toxicity:** This material is not expected to cause significant acute toxicity or be corrosive or irritating to the skin or chemically irritating to the eyes of exposed consumers if used as intended.

**Chronic Toxicity:** This material is not expected to cause chronic toxicity if used as intended.

## **Section 12 – Ecological Information**

This material is not expected to cause significant adverse effects in the environment. Components of this material are biodegradable and not biomagnified or bioconcentrated in the environment.

## **Section 13 – Disposal Considerations**

This product may be disposed of in domestic refuse

## **Section 14 – Transportation Information**

**UN Number:** Not Applicable  
**UN Proper Shipping Name:** Not Applicable  
**DOT (USA):** Not regulated as Dangerous Goods  
**IMDG Code (Ocean):** Not Dangerous Goods  
**ICAO / IATA (Air):** Not Dangerous Goods  
**Marine Pollutant:** Not Applicable

## **Section 15 – Regulatory Information**

Note: this regulatory information included here should not necessarily be considered all-inclusive. This product is not subject to the reporting requirements of the CERCLA, the SARA, the RCRA, the Clean Air Act and the Clean Water Act (US). This product is not formulated with, nor do the manufacturing or formulation processes utilize any Class I or II Ozone depleting substances.

The ethanol in this product is known to the State of California to cause developmental reproductive toxicity when ingested in large amounts and ethanol is on the right to know list of the states of California, New Jersey, Pennsylvania, Minnesota and Massachusetts.

**This material has been independently assessed by a US based Board Certified Toxicologist. The product labelling complies with ASTM-D4236.**

## **Section 16 – Other Information**

The recommendations and information contained in this SDS have been compiled from sources believed to be the most current information when the SDS was prepared. However, neither the manufacturer, distributors nor author of this SDS provides any warranty, guarantee or representation as to the correctness or sufficiency of this information. If this material is to be used in large amounts and/or an unusual manner, the user is obliged to determine what safety measures are appropriate, including the applicable and relevant workplace and environmental regulations pertaining to handling, use and disposal.

---

### Abbreviations used in this SDS

CERCLA = Comprehensive Environmental Response Compensation and Liability Act  
CFR = Code of Federal Regulations  
IARC = International Agency for Research on Cancer  
NFPA = National Fire Protection Agency  
NPCA/HMIS = National Paint & Coatings Association's Hazardous Materials Information System  
NTP = National Toxicology Program  
OSHA = Occupational Safety & Health Administration  
RCRA = Resource Conservation and Recovery Act  
SARA – Superfund Amendments Reauthorization Act