Craft Polymers
PO Box 5090, Palmerston North 4441, New Zealand.
110 Cessna Road, Palmerston North 4414.
P: +64 6 3567225 F: +64 6 3567227
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Safety Data Sheet

Section 1 – Product and Company Identification

1.1 Product Identifier

Product Name: Du-kit make 'n' bake modelling material.
Product Description: Art media, modelling material for craft and hobby purposes. Available in 50g and 250g bars, various colours.
Synonyms: Oven-hardening clay, Oven-bake clay, Polymer clay, Polymeric clay.
Formulation: Proprietary.

1.2 Relevant Identified Uses and Restrictions on Use

Intended Uses: Modelling material for craft and hobby purposes.
Uses advised against: Not to be used as a toy.
Not to be used for making items intended for food contact.

1.3 Details of the Supplier of the Safety Data Sheet

Craft Polymers,
110 Cessna Rd,
Palmerston North, 4414,
New Zealand.
Tel.: +64-6-3567225
Website: www.du-kit.com
Email: sales@craftpolymers.co.nz

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

Emergency Phone Numbers

+64-6-3567225 Mon- Fri 8:00am – 5:00pm NZST/NZDT.
For all Health Emergencies call the National Poisons Response Agency in your respective jurisdiction.

Section 2 - Hazardous Identification

2.1 Classification of the Substance or Mixture

Not classified as hazardous

Physical Hazards: None
Human Health Hazards: None
Environmental Hazards: None

Hazard Ratings

	NPCA/HMIS	NFPA 704
Health	0	0
Flammability	0	0
Reactivity	0	0

Carcinogenic: IARC – No NTP – No OSHA – No

Rating Key
0 = minimal
1 = slight
2 = moderate
3 = serious
4 = severe

2.2 Label Elements, Including Precautionary Statements

Hazard Pictograms: None
Hazard Statements: None
Signal Word: None
Precautionary Statements:

- **Prevention:** Prevent release to the natural environment. Do not place the material in the mouth.
- **Response:** Wash hands with soap and warm water.
- **Storage:** Avoid storage in noncompatible materials and containers.
- **Disposal:** Dispose of the material in household refuse.

Supplementary Hazard Information:
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.

2.3 Other Hazards

Nothing to be declared.

Section 3 – Composition and Information on Ingredients

3.1 Substances

Not Applicable.

3.2 Mixtures

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

4.1 Description of First-Aid Measures

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

Protection of First Aider: Wear appropriate personal protective clothing.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Skin reaction / irritation

4.3 Indication of Immediate Medical Attention and Special Treatment, if Needed

Treat symptoms as observed.

Section 5 - Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Water spray, Foam, Dry Powder, Carbon Dioxide (CO_2)
Unsuitable Extinguishing Media: None known.

5.2 Special Hazards Arising from the Substance or Mixture

Hazardous Decombustion Products: Carbon Monoxide, Carbon Dioxide and Hydrochloric Acid vapours.

5.3 Advice for Fire Fighters

Fire Fighting Instructions: If possible, remove item from oven or combustion source to appropriate location before extinguishing.
Unusual Fire Hazards: None.
Protective Equipment for Fire Fighters: Full protective clothing including self-contained breathing apparatus is recommended.

Flammability Properties

Flash Point: Not applicable.
Upper/Lower Flammable Limits: Not applicable.
Autoignition Temperature: Not applicable

Section 6 – Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

In case of exposure to acrid fumes due to accidental overheating during hardening process, ventilate the area and move to fresh air.
If symptoms occur, refer to the First Aid Measures in Section 4 of this SDS.

6.2 Environmental Precautions

Avoid releasing the material into the natural environment.

6.3 Methods and Materials for Containment and Cleaning up

Reuse if applicable or dispose of with domestic refuse.

Section 7 – Handling and Storage

7.1 Precautions for Safe Handling

Use in well-ventilated area.
Avoid temperatures over 150°C when heating.
Avoid the inhalation of fumes when heating.
Avoid ingesting the material.
Avoid eating, drinking, and smoking when using the product.
Wash hands thoroughly after use.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store product in a cool place away from all heat sources.
Do not store the raw clay in PVC or Polystyrene containers.

7.3 Specific End Use(s)

Refer to Section 1.2

Section 8 – Exposure Controls and Personal Protection

8.1 Control Parameters

Exposure Limit Values: No exposure limits known.

8.2 Exposure Controls

Engineering Controls: Ensure good ventilation.

8.3 Personal Protection Measures

Eye Protection: Wear protective goggles if sanding, filing, or grinding the cured item.
Respiratory Protection: Wear dust mask if sanding, filing, or grinding the cured items.
Skin Protection: Not normally needed.
In rare cases of contact with the material causing an allergic skin reaction, discontinue use, or wear latex or vinyl gloves if appropriate.

Section 9 - Physical and Chemical Properties

9.1 Information of Basic Physical and Chemical Properties

Colour: Various.
Appearance / State: Malleable solid.
Odour: Slight. Emits more pronounced odour during the hardening process.
pH: n/a
Melting Point: n/a
Boiling Point: n/a
Solubility (Water): Insoluble.
Solubility (Organics): Insoluble.
Density: 1.25g/cm3 +/-

Section 10 – Stability and Reactivity

10.1 Reactivity
This material is stable and non-reactive with most materials.

10.2 Chemical Stability
The material is stable under normal and anticipated conditions, and recommended use.

10.3 Possibility of Hazardous Properties
None known.

10.4 Conditions to Avoid
Temperatures over 170°C

10.5 Incompatible Materials
PVC, Polystyrene

10.6 Hazardous Decomposition Products:
Hydogen Chloride Vapours

Section 11 – Toxicological Information

Routes of Exposure

Eye Contact: May cause mild irritation.
Ingestion: Not expected to cause any significant adverse effect.
Inhalation: Exposure to Hydrogen Chloride vapours may cause moderate irritation.
Skin Contact: Not expected to cause any adverse effect.

11.1 Information on Toxicological Effects

Acute Oral Toxicity: Not expected.
Acute Dermal Toxicity: Not expected.
Acute Inhalation Toxicity: Not expected.
Skin Corrosion or Irritation: May cause mild skin irritation in some individuals.
Serious Eye Damage or Irritation: May cause mild eye irritation.
Respiratory or Skin Sensitisation: Respiratory Sensitisation – none.
Skin Sensitisation – Not expected to cause skin sensitisation.
Germ Cell Mutagenicity: None
Carcinogenicity: Not considered to be a carcinogen.
Reproductive Toxicity: Not expected to cause Reproductive Toxicity**.**
Specific Organ Toxicity – single exposure: Not classified.
Specific Organ Toxicity – repeated exposure: Not classified.
Aspiration Hazard: None

Section 12 – Ecological Information

12.1 Ecological Toxicity
This material is not expected to cause significant adverse effects in the environment.

12.2 Persistence and Degradability
The material is not considered biodegradable.

12.3 Bioaccumulative Potential
The material is not biomagnified or bioconcentrated in the environment.

12.4 Mobility in Soil
N/a

12.5 Results of PBT and vPvB Assessment
N/a

Other Adverse Effects
None known.

Section 13 – Disposal Considerations

General Disposal Information: The product and packaging are Non-Hazardous and should be disposed of in domestic refuse.
Prevent the material from entering waterways.
Do not Incinerate.
Please ensure local regulations are followed.

Section 14 – Transportation Information

14.1 UN Number: Not Applicable.
14.2 UN Proper Shipping Name: Not Applicable.
14.3 Transport Hazard Classes
DOT (USA): Not regulated as Dangerous Goods.
IMDG Code (Ocean): Not Dangerous Goods.
ICAO / IATA (Air): Not Dangerous Goods.

14.4 Packaging Group: Not Applicable
14.5 Environmental Hazards
Land Transport: Not Applicable.
Marine Pollutant: Not Applicable.
14.6 Additional Information: Not Applicable

Section 15 – Regulatory Information

This Safety Data Sheet is compliant with the Global Harmonised System of Classification and Labelling of Chemicals (GHS).
Note: This regulatory information included here should not necessarily be considered all-inclusive.

National and Federal Regulatory Compliance Status

New Zealand NZIoC:	Not Regulated
Australia AICS:	Not Regulated
US EPA CERCLA:	Not Listed
US EPA SARA Title III:	Not Listed
US EPA RCRA:	Not Listed
US Clean Air Act:	Not Regulated
US Clean Water Act:	Not Regulated

US State Regulatory Compliance Status

California Proposition 65:

The following ingredients present in the product are known to the State of California to cause Cancer, Birth Defects, or Reproductive Harm: None

This product is not formulated with, nor do the manufacturing or formulation processes utilize any Class I or II Ozone depleting substances.

This Product has Been independently assessed by a US based Board Certified Toxicologist.
The product labelling complies with US Federal Regulations CPSIA and 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

NZIoC = New Zealand Inventory of Chemicals
AICS = Australian Inventory of Chemical Substances
CERCLA = Comprehensive Environmental Response Compensation and Liability Act
CFR = Code of Federal Regulations
EPA = Environmental Protection Authority
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