PLASTCLAY Reusable Modelling Clay

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

1.1. Product identifier

PLASTCLAY Reusable Modelling clay

Other trade names / Item numbers

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

Use of the substance/mixture

Modelling clay

Uses adviced against

No information available.

1.3. Details of the supplier of the safety data sheet It

Company name: : Easy Composites Ltd
Street: Unit 39 Park Hall Business Village,
Place: Longton, Stoke-on-Trent, ST3 5XA
Telephone: 01782454499
e-Mail: sales@easycomposites.com

1.4. Emergency telephone number:

01782 454499 (office hours only)

SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous according to Directive (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Water, oil, emulsifier, mineral bulking agents, pigments.

Hazardous components

No components are subject to registration.

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information

In all cases of doubt, or when symptoms persist, seek medical attention.
Burns caused by melted clay shall be treated medically.

After inhalation

Provide fresh air.

After contact with skin

Wash with water and soap, in case of persistent irritation seek medical attention.

After contact with eyes

Rinse carefully and thoroughly with eye-bath or water.
In case of eye irritation contact an ophtalmologist.

After ingestion

Rinse mouth and pharynx with water, in case of persistent irritation seek medical attention.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet, extinguishing powder, carbon dioxide, foam.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire carbon oxide and carbon dioxide may be released. Inhalation of hazardous products of decomposition can cause serious damage to health.

5.3. Advice for fire-fighters

Coordinate fire-fighting measures to the fire surroundings.
Use water spray jet to protect personnel and to cool endangerd containers.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow to enter into drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid inhalation of dust. Avoid contact with eyes.
Particular danger of slipping from spilled product.

6.2. Environmental precautions

Do not allow to enter into drains or surface water.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Treat the recovered material according to SECTION 13 Disposal.
To clean the floor and all objects contaminated by this material, use plenty of water.

6.4. Reference to other sections

Safe handling see SECTION 7.
Personal protection equipment see SECTION 8.
Disposal see SECTION 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice for safe handling

No special precautions necessary.

Advice on protection against fire and explosion

The product is flammable, therefore do not heat it above 90°C.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

Protect against heat and direct sunlight, storage temperature 15°C to 25°C.

Hints on joint storage

No special precautions required.

7.3. Specific end uses

Modelling clay

SECTION 8: Exposure controls/personal protective equipment

8.1. Control parameters

Maximum allowable concentration (TRGS 900)

Not applicable

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke.

Eye/face protection

Not required under normal circumstances.

Hand protection

No precaution beyond normal protective measures required.

Skin protection

Wear suitable protective clothing, change contaminated clothing.

Respiratory protection

No special precautionary measures required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid
Color:	various, depending on coloring
Odor:	characteristic
pH value (at 20°C)	not applicable

Change of physical state

Melting point:	not determined
Initial boiling point and boiling range:	not determined
Flash point:	> 150 °C
Ignition temperatur:	> 200 °C

Flammability

Solid:	not determined
Gas:	not applicable

Explosion hazard

The product is not explosive

Lower explosion limit	not determined
Upper explosion limit	not determined

Auto ignition temperature

Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined

Oxidising properties

Not oxidising

Vapor pressure:	not determined
Density (at 20 °C)	about 1,7 g/cm³
Water solubility (at 20 °C)	not miscible
Solubility in other solvents	not determined
Partition coeffizient:	not determined
Vapor density	not determined
Evaporation rate:	not determined

9.2. Other Information

Solid content	not determined

SECTION 10: Stability und reactivity

10.1. Reactivity

No dangerous reactions occur if handled and stored as intended.

10.2. Chemical Stability

The product is stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

There are no known dangerous reactions.

10.4. Conditions to Avoid

No information available.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No dangerous decomposition products are known if stored and handled as intended.
When heated above 300° C formation of CO_2 , CO.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.

Irritant and corrosive effects
Based on available data, the classification criteria are not met.

Sensitizing effects
Based on available data, the classification criteria are not met.

Carcinogenic, mutagenic and toxic effects for reproduction
Based on available data, the classification criteria are not met.

Specific target organ toxicity after single exposure
Based on available data, the classification criteria are not met.

Specific target organ toxicity after repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.

Other information on tests
The mixture is classified as not hazardous according to directive (EC) No. 1272/2008 [CLP].

SECTION 12: Umweltbezogene Angaben

12.1. Toxicity

The product is not ecotoxic.

12.2. Persistence and degradability

The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge. Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

12.3. Bioaccumulative potential

No indication of bioaccumulative potential.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of the PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other harmful effects

No information available.

Other information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Disposal recommendations

Do not allow to enter into surface water or drains. Disposal according to applicable legislation.

Disposal of contaminated packaging and recommendated cleaning agents

Wash off with plenty of water. Completely emptied packaging can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture

EU-Regulatory information

Information on 2012/18/EU directive: Not subject to SEVESO III-directive 2012/18/EU

Additional information

Directive No. 2009/48/EC on the safety of toys

National regulatory information

Water hazrd class: Not hazardous to water

Status: Classification of mixtures according to Appendix 1, No. 5 AwSV

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

CLP: Classification, Labelling and Packaging
REACH: Registration, Evaluation, Authorization of Chemicals
GHS: Globally Harmonised System of Clasification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemicals Abstract Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute Toxicity Level
LC50: Lethal Concentration, 50%
LD50: Lethal Dose, 50%
LL50: Lethal Loading, 50%
EL50: Effective Loading, 50%
EC50: Effective Concentration, 50%
ErC50: Effective Concentration, 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio Concentration Factor
PBT: Persistent, Bioaccumulative, Toxic
vPvB: very Persistent, very Bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen sur le transport des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern
For abbreviations and acronyms see table at http://abk.esdscom.eu

Relevant H and EUH statements (number and full text)

Other information

The information contained in this document express our current knowledge and experience, however cannot imply guarantee of any nature. Considering the variety of factors that can affect their process or application, the information on this sheet does not exempt the processors from the responsibility of executing their own tests and experiments.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Spezification
1	Modelling clay	C	-	9b	-	-	-	-	Toy

LCS: Life cycle stages
SU: Sectors of use
PC: Product categories
PROC: Process categories
ERC: Environmental release categories
AC: Article categories
TF: Technical functions

Restriction of use recommended by the manufacturer

Not suitable for children under 3 years of age, risk of suffocation due to small parts that can be swallowed.