

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

1.1 Product identifier

Trade name

Yellow Patternmakers Putty

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

Relevant identified uses of the substance or mixture
clay

1.3 Details of the supplier of the safety data sheet

Address

AMT Composites
6 Director Road
Aeroporto Spartan Ext 2
Kempton Park, 1619
South Africa

Regulatory / Technical Information

+27 11 392 4232

1.4 Emergency telephone number

+27 11 392 4232

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification information

This product does not meet the classification and labelling criteria given in the Dangerous Preparations Directive (1999/45/EC; DPD)

2.2 Label elements

Not relevant

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Permanently elastic clay of starch, wax, oils and pigments.

Hazardous ingredients

This product does not contain substances to be mentioned according to EU Regulation No 1907/2006 (REACH), annex II.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

not applicable

After skin contact

Wash off with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical assistance.

After ingestion

Rinse out mouth and let spit out liquid. Give plenty of water to drink. Do not induce vomiting. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

extinguishing powder; Foam; Carbon dioxide

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂); Combustion products of this material have to be classed invariably as respiratory poison.

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

High risk of slipping due to leakage/spillage of product.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

No special measures necessary.

General protective and hygiene measures

Avoid contact with eyes.

Advice on protection against fire and explosion

The product is combustible. Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep dry in a cool, well-ventilated place.

Advice on storage assembly

None known

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**
No parameters available for monitoring.
- 8.2 Exposure controls**
- Appropriate engineering controls**
No data available.
- Personal protective equipment**
- Respiratory protection**
No special measures required.
- Eye / face protection**
No special measures required.
- Hand protection**
No special measures required.
- Environmental exposure controls**
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form/Colour			
solid; staff			
various			
Odour			
Product specific			
Odour threshold			
No data available			
pH value			
Not applicable			
Boiling point / boiling range			
No data available			
Melting point / melting range			
No data available			
Setting point / solidification range			
Value	appr.	50	°C
Softening point / softening temperature (Vicat softening point)			
Value	>=	50	°C
Sublimation point / sublimation range			
Not applicable			
Decomposition point / decomposition range			
No data available			
Dropping point			
No data available			
Pour point			
Not applicable			
Flash point			
Value	>	150	°C
Ignition temperature			
Value	>	200	°C
Auto-ignition temperature			
Not applicable			
Oxidising properties			
Not applicable			

Explosive properties			
Product does not present an explosion hazard.			
Flammability (solid, gas)			
Not applicable			
Lower flammability or explosive limits			
Not applicable			
Upper flammability or explosive limits			
Not applicable			
Vapour pressure			
No data available			
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	1.1	-	1.3
Reference temperature		20	
			g/cm ³
			°C
Bulk density			
Not applicable			
Packed bulk density			
Not applicable			
Solubility in water			
Reference temperature		20	
Remarks	immiscible		°C
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No data available			
Viscosity			
Not applicable			
Solvent separation test			
Not applicable			

9.2 Other information

Other information			
No data available.			

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

Temperatures above 70 °C.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity		
LD50	>	5000 mg/kg
Species	rat	
Reference substance	Similar product	
Acute dermal toxicity		
No data available		
Acute inhalational toxicity		
No data available		
Skin corrosion/irritation		
No data available		
Serious eye damage/irritation		
Evaluation	Irritation is possible.	
Respiratory or skin sensitisation		
No data available		
Route of exposure	Skin	
Germ cell mutagenicity		
No data available		
Reproduction toxicity		
No data available		
Carcinogenicity		
No data available		
STOT-single exposure		
No data available		
STOT-repeated exposure		
No data available		
Aspiration hazard		
Not applicable		

SECTION 12: Ecological information

12.1 Toxicity

Fish toxicity	
No data available	
Daphnia toxicity	
No data available	
Algae toxicity	
No data available	
Bacteria toxicity	
No data available	

12.2 Persistence and degradability

Biodegradability	
No data available	

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water	
No data available	

12.4 Mobility in soil

Mobility in soil	
No data available	

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company. Smaller quantities can be disposed with household garbage.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)

VOC content 0 %

Restriction of occupation

Adhere to the national sanitary and occupational safety regulations when using this product.

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

15.2 Chemical safety assessment

No data available.

SECTION 16: Other information

Further information

Not suitable for children under 3 years.

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 1999/45/EC as amended in each case.

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

This information is based on our present state of knowledge and experience.

The security data sheet describes products with a view to the security requirements.

However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.