

SAFETY DATA SHEET



According to directive 1907/2006/EC, 2020/878
Version 3.0 Revision date: 26-01-2022
Trade name: Papa's Clay

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

1.1 Product identification:

Product name: Papa's Clay

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

Usage: Modeling material(s) for hobby purposes.

1.3 Details of the supplier of the safety data sheet

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium: Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.
NHS 24 Direct For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]:

The product does not require labelling in accordance with Regulation (EC) No 1272/2008.

2.3 Other hazards:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

Toxicological information:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

Chemical name	CAS number EC number REACH registration number	Classification	Weight %
Calcium Carbonate	471-34-1 207-439-9	-	≤50%

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Polyvinyl chloride, PVC	9002-86-2 618-338-8 -	-	≤35%
Pyrogenic Silica	112945-52-5 601-216-3 -	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	≤2%

Substance additional information:

Substance with a community workplace exposure limit.

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures:

No first aid is normally required.

However, if symptoms develop, seek medical attention.

Inhalation

Not considered as a potential route of exposure.

In case of inhalation of vapors from accidental overheating or combustion, move the person to fresh air.

Skin contact

Rinse with water and soap.

If symptoms occur seek medical attention.

Eye contact

Rinse with plenty of water.

If symptoms occur seek medical attention.

Ingestion

Rinse mouth with water.

If symptoms occur seek medical attention.

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

Not known.

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

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Water spray, extinguishing powder, foam or carbon dioxide.

Unsuitable extinguishing media:

Not known.

5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO), Carbon dioxide (CO₂), hydrochloric acid.

5.3 Advice for firefighters:

Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

Measures in case of fire

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

In case of accidentally overheating material, turn off the oven.

Ventilate the area.

6.2 Environmental precautions:

No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

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Collect and reuse or dispose of in accordance with applicable regulations.

6.4 Reference to other sections:

For personal protection see section 8 and for disposal see section 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

Preventive handling precautions

While hardening material, take care of the oven temperature.
A temperature of 130 °C should not be exceeded during hardening.

General hygiene

Do not eat, drink or smoke when using this product.
Wash hands after handling.

7.2 Conditions for safe storage, including any incompatibilities

No special restrictions on storage with other products.
Keep away from open flames, hot surfaces and sources of ignition.
Protect from frost.

7.3 Specific end use:

This product should only be used for those uses described in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Exposure limits

Gestis International limit values:

Pyrogenic Silica (CAS 112945-52-5):

Germany DFG 8h = 4mg/m³ (Inhalable fraction)

Dust, PVC (CAS 9002-86-2):

Austria	8h = 5 mg/m ³ (Respirable fraction); short term = 10 mg/m ³ (respirable fraction, 15 minutes average value)
Belgium	8h = 1 mg/m ³ (respirable fraction)
Finland	8h = 1 mg/m ³ (respirable fraction)
Germany (DFG)	8h = 0,3 mg/m ³ (respirable fraction ,except ultrafine particles; Short term limit value = 2,4 mg/m ³ (15 minutes average value)
Ireland	8h = 10 mg/m ³ (inhalable fraction); 1 mg/m ³ (respirable fraction)
Latvia	8h = 5 mg/m ³
Sweden	8h = 1 mg/m ³ (Inhalable fraction); 0,5 mg/m ³ (respirable fraction)
Switzerland	8h = 3 mg/m ³ (respirable fraction)
United Kingdom	8 h = 10 mg/m ³ (Inhalable fraction); 4 mg/m ³ (Respirable fraction)

Calcium carbonate (CAS 471-34-1):

Ireland	8h = 10 mg/m ³ (Inhalable fraction); 4 mg/m ³ (Respirable fraction)
Latvia	8h = 6 mg/m ³
Poland	8h = 10 mg/m ³

For more specific OEL values check national regulations in the destination country.

8.2 Exposure controls:

Appropriate engineering controls

Provide adequate ventilation.

Eye / face protection

Not required.

Hand protection

Usually not necessary.
Protective gloves are recommended for people with sensitive skin.

Other skin protection

Not required.

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Respiratory protection

In case of regular hardening and modeling not required.
In case of insufficient ventilation, wear suitable respiratory equipment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state	Solid
Colour	various
Odour	poor
Melting point / freezing point	No data available
Boiling point and boiling range	No data available
Flammability	No data available
Lower and upper explosion limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Water solubility	Insoluble
Partition coefficient n-octanol/water	No data available
Vapour pressure	No data available
Density and/or relative density	1.2 - 1.4 g/cm ³
Relative vapour density	No data available

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Not reactive under normal conditions.

10.2 Chemical Stability:

Stable under normal usage and storage conditions.

10.3 Potentially hazardous reactions:

Under normal conditions of storage and use, no hazardous reactions will occur.

10.4 Conditions to avoid

Thermal decomposition at a temperature above 150°C.

10.5 Chemically Interacting Materials:

No data available.

10.6 Hazardous decomposition products:

Hydrochloric acid gas, extremely warning effect (Burning in the eyes and mucous membranes).

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

No toxic effect is expected at the specified application.

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory or skin sensitisation

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

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Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

11.2. Information on other hazards

Hormone-disrupting properties

Product:

Rating:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

Further information:

Product:

Comments:

No data available

SECTION 12: Ecological information

12.1 Toxicity:

Acute toxicity

Not expected to be harmful to the environment.

12.2 Persistence and Degradability:

No data available.

12.3 Bioaccumulation:

No data available.

12.4 Mobility in Soil:

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

Product:

Rating:

The substance/mixture does not contain any components believed to have endocrine disrupting properties, according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 on level 0.1% or higher.

12.7. Other adverse effects

No data available.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Disposal considerations

If recycling is not practicable, dispose of in compliance with local regulations.

Packaging

Dispose of as unused product.

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SECTION 14: Information relating to carriage

14.1 UN number

Not regulated as dangerous substance

14.2 Proper load name according to UN Model Regulations

Not regulated as dangerous substance

14.3 Transport hazard class(es)

Not regulated as dangerous substance

14.4 Packing group

Remarks : IMDG Code segregation group - none

Not regulated as dangerous substance

14.5 Environmental hazards

Not regulated as dangerous substance

14.6 Special precautions for the user

Comments:

The carriage of dangerous goods, including loading and unloading, must be carried out in accordance with regulations by personnel who have received the necessary training;

The shipping classification(s) given herein are for information only, and based solely on the properties of the unpackaged material as described in this MSDS. Transport classifications may vary in terms of mode of transport, package size and variations in regional resp. national regulations.

14.7 Sea transport in bulk according to IMO instruments

Not applicable for product as delivered.

SECTION 15: Legally required information

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

EU regulations

EU Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No 1272/2008 of the European Parliament and of the Council, CLP.

15.2 Chemical safety assessment:

No chemical safety assessment has been performed.

SECTION 16: Other information

Full text of the H statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Full text of other abbreviations

Skin Irrit. 2 Skin irritation, hazard category 2
Eye Irrit. 2 Eye irritation, hazard category 2
STOT SE 3 Specific Target Organ Toxicity — Single exposure, hazard category 3
PBT Persistent, Bioaccumulative and Toxic.
vPvB very Persistent and very Bioaccumulative.
OEL Occupational Exposure Limit

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways;
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AICS - Australian Inventory of Chemicals; ASTM - American Association for the Testing of Materials; bw - Body weight; CLP - Classification, Labeling and Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardization; DSL - Indoor Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - EINECS number; ECx - Concentration associated with x% response; ELx - Load capacity associated with x% response; EmS - Emergency schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration

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associated with x% growth response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Cancer Research; IATA - International Air Transport Association; IBC - International IMO Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half-maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Act (Japan); ISO - International Organization for Standardization; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a test population; LD50 - Lethal dose for 50% of a test population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not otherwise specified; NO(A)EC - No observable (negative) effect on concentration; NO(A)EL - No observable (negative) effect on Level; NOELR - No discernible effect on load capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development OECD; OPPTS - Bureau of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Philippine Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure-Activity Relationships; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH); RID - Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID); SADT - Self-accelerating decomposition temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Inventory List; TRGS - Technical Regulation on Hazardous Substances; TSCA - Toxic Substance Control Act (US); UN - United Nations; vPvB - Very difficult to degrade and very bioaccumulative

Changes to previous revision

This revision of SDS is compliant with Annex II to Regulation (EC) No 1907/2006 and replaces the previous version No. 2.0 from 14.05.2013

Further information

Training recommendations:

Provide good information, instruction and training for users.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. This information is based on our current knowledge and is intended to describe the product for health, safety and environmental purposes. It should not be interpreted as guaranteeing any specific property of the product.