

MATERIAL SAFETY DATA SHEET

Prepared in accordance with the Regulation on Safety Data Sheets for Hazardous Substances and Mixtures (Date of 13 December 2014, Official Newspaper No. 29204).

Product name: Smarta Modelling Clay

Compilation date: 27.07.2021 - MSDS No: 01

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Smarta Modelling Clay

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

Use of the Substance/Mixture: It is not produced for eating purposes. It dries up on contact with air. It is suitable for fine work. It is soft and flexible clay. When paint is added, decomposition may occur depending on the type and amount of paint used.

1.3. Details of the supplier of the safety data sheet

Company name: NUREART TASARIM A.Ş.

Company address: Ahi Evran Dist. ASO Boulevard No:4/3 Sinova Business center Sincan/ANKARA-TURKEY

Telephone: +9 0 (312) 544 34 34

E-Mail: info@nureart.com

Web: <https://www.nureart.com/>

1.4. Emergency telephone number: 114 (UZEM)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Physical Hazards: Not classified.

Health Hazards:

H317 Skin Sensitization category 1, Causes allergic skin reactions.

Environmental Hazards: Not classified.

2.2. Label elements

Signal word: Warning

Hazard pictograms:



Hazard statements:

H317 Causes allergic skin reactions.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P272 Do not take contaminated clothing out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 In case of skin contact: Wash with plenty of soap and water.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

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P321 Specific treatment required (see label).

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container in accordance with local/national regulations.

2.3. Other Hazards

No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2 Mixtures

Chemical name	Cas No.	EC No.	(Regulation on Classification, Labeling and Packing of Materials and Mixtures) Classification	Concentration (% w/w)
Aqueous glue	Trade secret	Trade secret	Skin Sens. 1 H317	% 50 – 60
Starch	9005-25-8	-	Not classified.	% 25 – 35
Paraffin wax	8002-74-2	232-315-6	Not classified.	% 1 – 4
Surfactants	-	-	Not classified.	% 8 – 10

4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of contact with eyes: Rinse with water for 15 minutes. Remove contact lenses, if present. Get medical help immediately.

In contact with skin: Do not use if your hands are scratched or swollen. After use, wash your hands with plenty of soap and water. Rarely, it may show an allergic reaction after use.

If swallowed: Get medical advice.

Inhalation: Move to fresh air.

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.

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5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Dry chemicals, CO₂, sand and water.

Unsuitable extinguishing media: There are no unsuitable extinguishers.

5.2 Special hazards arising from the substance or mixture

No specific hazard has been identified.

5.3 Advice for firefighters

In case of fire, use respiratory equipment and protective materials. Put the fire out with the wind at your back.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No data available.

6.2 Environmental precautions

No data available.

6.3 Methods and material for containment and cleaning up

No data available.

6.4 Reference to other sections

No data available.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Unpack and use only as much product as you need. Keep the remaining product airtight so that it does not dry out. You can adjust its softness with hand cream. It is recommended to dry the final product in natural environment and at room temperature. It dries in an average of 24 hours at room temperature.

7.2 Conditions for safe storage, including any incompatibilities

Carry it without exposing it to direct sunlight.

Storage information: Store in a cool and dark place. (5~40°C)

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No data available.

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8.2 Exposure controls

General information: Do not smoke while using the product.

8.2. 1. Engineering Measures

No data available.

8.2.2. Personal protective equipment

Eye protection: Not required.

Hand protection: Not required.

Skin and body protection: Not required.

Respiratory protection: Not required.

8.2.3. Environmental exposure control

No data available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid
Color	: White
Odour	: Slightly odor
Flash Point	: Not applicable.
Ignition Point	: Not applicable.
Boiling Point	: Not applicable.
Explosion limit	: Not applicable.
Melting Point	: No data available.
Vapor Pressure	: Not applicable.
Solubility in Water	: Soluble in water.
Density	: No data available.
pH	: 7 (1+100 aqua solution)
Viscosity	: Not applicable.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

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10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available. Soluble in water.

11. TOXICOLOGICAL INFORMATION

11 .1. Information on toxicological effects

Compliance with EN 71 Toy standard has been tested. According to the tests, the product complies with EN71 Toy standards.

There is no toxicity in the product. It is not toxic.

BS en 71-1 safety of toys -part 1: Mechanical and Physical Properties

Suitable for children over 36 months. There is a danger of suffocation under 3 years old.

BS en 71-1 safety of toys -part 2 : Flammability

It has the same flammability behavior as celluloid (cellulose nitrate).

BS en 71-1 safety of toys -part 3: Migration of Certain elements

Antimony (Sb)	Not Detected
Arsenic (As)	Not Detected
Barium (Ba)	Not Detected
Cadmium (Cd))	Not Detected
Chromium (III)	Not Detected
Chromium (VI)	Not Detected
Lead (Sb)	Not Detected
Mercury (Hg)	Not Detected
Selenium (Se)	Not Detected
Aluminium (Al)	Ok
Boron (B)	Not Detected
Cobalt (Co)	Not Detected
Copper (Cu)	Not Detected
Manganese (Mn)	Not Detected

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Nicel (Ni)	Not Detected
Strontium (Sr)	Ok
Tin (Sn)	Not Detected
Organic tin Δ	Not Detected
Zinc (Zn)	Not Detected

Phthalate Content

DIBUTYL PHTHALATE (DBP)	Not Detected
DIETHYL HEXYL PHTHALATE (DEHP)	Not Detected
BENZYL BUTYL PHTHALATE (BBP)	Not Detected
DI-ISO-BUTYL PHTHALATE (DIBP)	Not Detected
SUM OF FOUR PHTHALATES	Not Detected
DI-ISO-NONYL PHTHALATE (DINP)	Not Detected
DI-N-OCTYL PHTHALATE (DNOP)	Not Detected
DI-ISO-DECYL PHTHALATE (DIDP)	Not Detected
SUM OF THREE PHTHALATES	Not Detected

Polycyclic aromatic hydrocarbons (PAHs) Analysis

Benzo (a) pyrene	Not Detected
Benzo (e) pyrene	Not Detected
Benzo (a) anthracene	Not Detected
Benzo (b) fluoranthene	Not Detected
Benzo (j) fluoranthene	Not Detected
Benzo (k) fluoranthene	Not Detected
Chrysene	Not Detected
Dibenzo (a,h) anthracene	Not Detected

12. ECOLOGICAL INFORMATION

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

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12.3. Bioaccumulative potential

No data available.

12.4. 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.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

No data available.

14. TRANSPORT INFORMATION

14.1. UN Number: It is not a dangerous goods, therefore the transport class is not regulated.

14.2. UN proper shipping name: Not applicable.

14.3. Transport hazard class(es): Not applicable.

14.4. Packing group: Not applicable.

14.5. Environmental hazards

No data available.

14.6. Special precautions for user

Avoid impacts that could cause the packaging to open and break apart.

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

No data available.

15. REGULATORY INFORMATION

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

- Regulation on Classification, Labeling and Packaging of Substances and Mixtures
- Regulation on Safety Data Sheets for Hazardous Substances and Mixtures
- Regulation on Health and Safety Measures in Working with Chemical Substances.
- Regulation on the Registration, Evaluation, Authorization and Restriction of Chemicals
- Regulation on the transport of dangerous goods by road
- Regulation on the Use of Personal Protective Equipment at Workplaces.
- Occupational Health and Safety Law
- Regulation on the Classification, Packaging and Labeling of Dangerous Goods

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EU legislation

- The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)
- Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)
- REACH Regulation (Regulation (EU) 2016/1688 concerning REACH)
- Safety Data Sheet according to Regulation EC 1907/2006 (REACH) with its amendment regulation EC 2015/830
- European Agreement concerning the International Carriage of Dangerous Goods by Road/ Regulations concerning the International Carriage of Dangerous Goods by Rail
- International Civil Aviation Organization / International Air Transport Association Dangerous Goods Regulation

15.2. Chemical safety assessment

No data available.

16. OTHER INFORMATION

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Abbreviations:

ACGIH American Conference of Government Industrial Hygienists
CAS Chemical Abstract Service
CERCLA Comprehensive Environmental Response, Compensation&Liability Act
CFR Code of Federal Regulations
CPR Controlled Products Regulations (Canada)
DOT Department of Transportation
IARC International Agency for Research
MSHA Mine Safety and Health Administration
NIOSH National Institute for Occupational Safety and Health
NTP National Toxicity Program
OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
RCRA Resource Conservation and Recovery Act
SARA Superfund Amendments and Reauthorization Act
TLV Threshold Limit Value
TWA Time-weighted Average
WHMIS Workplace Hazardous Material Information System

Information Sources:

This MSDS is arranged according to the information received from the company that owns the product.

Chemical Safety Assessment Specialist

Name-Surname: SAİME ÖZGE AYDIN

Chemical Safety Assessment Specialist Certificate No: TUV/11.01.03

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Use the identified substance or preparation for special purpose only. This safety data sheet has been prepared in accordance with the information received from the company NUREART TASARIM A.Ş. and is the most current information available as of the

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