

64257-1001



TEST REPORT

LAB LOCATION: Norwood, MA, USA
REPORT NUMBER: 67319-011093 (67318-121104 Rev 1)

ISSUE DATE: January 16, 2019
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Applicant : Faber-Castell USA
Sample Description : Modeling Clay/Plasticine
Date of Submission : January 14, 2019
Test Performance Dates : January 14, 2019 – January 16, 2019

TEST RESULTS SUMMARY

Test Requested	Results
US SDS Rev 1	Please refer to the report.

For and on behalf of
Modern Testing Services, LLC

Jongsei Park, Ph.D.
 Fellow, Academy of Toxicological Sciences
 UK Register of Toxicologists
 European Registered Toxicologist (ERT)
 Diplomate, American Board of Forensic Toxicology
 CLD, American Board of Bioanalysis

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PHOTOGRAPH OF SUBMITTED SAMPLE



Note:

If there are questions or concerns regarding the test results, please contact:

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 Mobile 508-208-5994
 Fax 508-638-1759
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US SAFETY DATA SHEET

In accordance with Occupational Safety and Health Act (1970)
Hazard Communication Standard 2012 (29 CFR 1910-1200) (HazCom 2012)
(Based on UN GHS/CLP)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers:

Product Name: **Modeling Clay/Plasticine**
Colors: Black #01, Grey #02, Violet Neon #03, Violet #04, Blue #05, Light Blue #06, Teal #07, Green #08, Light Green #09, Green Neon #10, Yellow Neon #11, Yellow #12, Orange Neon #13, Red Neon #14, Pink Neon #15, Light Orange #16, Orange #17, Brown #18, Light Red #19, Red #20, Raspberry #21, Pink #22, Ivory #23, White #24, Soft Pink #85, Rose #86, Aqua #87, Jade #88, Mint #89, Light Yellow #90, Banana #91, Peach #92, Blossom #93, Lavender #94

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

Identified Uses: Model material that is great for kids, sculptors, model makers and artists

1.3 Details of the supplier of the safety data sheet

Company: Modern Testing Services, LLC
349 Lenox Street
Norwood, MA 02062, USA

Telephone: 1-508-638-1793

Fax: 1-508-638-1759

1.4 Details of the applicant of the safety data sheet

Company: Faber-Castell USA, Inc.
9450 Allen Drive
Cleveland, Ohio 44125
Contact: Shella Attina
Telephone: 216-643-4660-3030
E-mail: shella@fabercastell.com

Emergency Phone #: 1-800-222-1222 (Poison Control)

SECTION 2 – HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity: Not Classified
Skin irritation: Not Classified
Eye irritation: Not Classified
Respiratory sensitization: Not Classified
Skin sensitization: Not Classified
Specific target organ toxicity: Not Classified

2.2 GHS Label elements, including precautionary statements

Pictogram: Not Needed
Signal Word: Not Needed
Hazard Statement(s): Not Needed
Precautionary Statement(s): Not Needed

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2.3 Hazards not otherwise classified (HNOC) or not covered by GHS
None.

SECTION 3 – COMPOSITION ON INGREDIENTS

3.1 Ingredients:

Chemical Name	CAS Number	Percent by Weight
Calcium Carbonate Powder	1317-65-3	55.30
Paraffin Wax	8002-74-2	14.00
White Mineral Oil	8042-47-5	30.00
Pigment - Black, Pigment - Blue, Pigment - Green, Pigment - Orange, Pigment - Red, Pigment - Violet 23, Pigment - Violet 19, Pigment - White, Pigment - White, Pigment - Yellow, Pigment - Benzoguanamine-Melamine- Formaldehyde Resin, Pigment - C.I. Solvent Yellow 135	1333-86-4/147-14- 8/1328-53-6/6505-28- 8/2786-76-7/6358-30- 1/1047-16-1/13463-67- 7/2786-76-7/12286-66- 7/25035-72-7/68427- 35-0	0.70

SECTION 4 – FIRST AID MEASURES

4.1 Description of first aid measures

General advice

This product is not expected to produce any unusual hazards during normal use. If you feel unwell, seek medical advice. Consult a physician.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash with water and soap and rinse thoroughly after use. Obtain medical attention if irritation occurs, develops or persists.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Do not rub eyes and seek medical advice if irritation develops or persists.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Under normal conditions of intended use, this product is not expected to be a health risk.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5 – FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable extinguishing media
Use water spray, dry chemical, carbon dioxide, or chemical foam.
- 5.2 Special hazards arising from the substance or mixture**
No additional information available.
- 5.3 Advice for firefighters**
Precautionary measures
Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.
Fire-fighting equipment/instructions
Exercise caution when fighting any chemical fire.
Protection during firefighting
Do not enter fire area without proper protective equipment, including respiratory protection.
- 5.4 Further information**
None.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
General Measures
Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust or fumes. Avoid skin and eye contact.
- For Non-Emergency Personnel**
Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.
- For Emergency Personnel**
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Ventilate area.
- 6.2 Environmental precautions**
Avoid discharge to drains, sewers, and other water systems.
- 6.3 Methods and materials for containment and cleaning up**
Recover for reuse if not contaminated. Sweep or vacuum up and place in a suitable container for proper disposal.
- 6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Keep containers tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Open and handle container with care.
- 7.2 Conditions for safe storage, including any incompatibilities**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Store away from water or moisture.
- 7.3 Specific end use(s)**
No further information available.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Not Known

8.2 Exposure controls**Appropriate engineering controls**

None needed.

Personal protective equipment**Eye/face protection**

Wear chemical splash goggles when handling this product. Have an eye wash station available.

Skin protection

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Gloves: Natural rubber, Neoprene, PVC or equivalent.

Body protection

Protective clothing is not required under normal conditions.

Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

Control of environmental exposure

Not needed.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from foodstuffs, beverages and food.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

a) Appearance	Solid
b) Colour	Various
c) Odour	Not known
d) Odour Threshold	Not known
e) pH	Not known
f) Melting point/freezing	Not known
g) Initial boiling point and boiling range	Not known
h) Flash point	Not known
i) Evaporation rate	Not known
j) Flammability (solid/gas)	Not known
k) Upper/lower flammability or explosive limits	Not known
l) Vapour pressure	Not known
m) Vapour density	Not known
n) Relative density	Not known

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o) Water solubility	Not known
p) Partition coefficient: n-octanol/water	Not known
q) Auto-ignition temperature	Not known
r) Decomposition temperature	Not known
s) Viscosity	Not known
t) Explosive properties	Not known
u) Oxidizing properties	Not known

9.2 Other safety information
None.

SECTION 10 – STABILITY AND REACTIVITY

- 10.1 Precautions for safe handling**
Not known.
- 10.2 Chemical stability**
Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions**
Not known.
- 10.4 Conditions to avoid**
Excessive heat, water and moisture.
- 10.5 Incompatible materials**
Strong oxidizing agents.
- 10.6 Hazardous decomposition products**
Not known.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
Not known.

Skin corrosion/irritation
May cause skin irritation.

Serious eye damage/eye irritation
May cause eye irritation.

Respiratory or skin sensitisation
Not known.

Germ cell mutagenicity
Not known.

Carcinogenicity

IARC:	Not known.
ACGIH:	Not known.
NTP:	Not known.
OSHA:	Not known.

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Reproductive toxicity

Not known.

Specific target organ toxicity-single exposure

Not known.

Specific target organ toxicity-repeated exposure

Not known.

Aspiration hazard

Not known.

Additional information

None.

SECTION 12 – ECOLOGICAL INFORMATION**12.1 Toxicity**

Avoid release to the environment.

12.2 Persistence and degradability

Not known.

12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not known.

12.6 Other adverse effects

Not known.

SECTION 13 – DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Dispose of in a manner consistent with Federal, State and Local Regulations.

Contaminated packaging

Destroy at an authorized site. Follow general procedures consistent with Federal, State and Local Regulations.

SECTION 14 – TRANSPORT INFORMATION**DOT (US)**UN number: Not Assigned Class: Not Assigned Packing group: Not Assigned
Proper shipping name: Not Assigned**IMDG**UN number: Not Assigned Class: Not Assigned Packing group: Not Assigned
Proper shipping name: Not Assigned**IATA**UN number: Not Assigned Class: Not Assigned Packing group: Not Assigned
Proper shipping name: Not Assigned

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SECTION 15 – REGULATORY INFORMATION**SARA 302 Components**

None are listed.

SARA 313 Components

None are listed.

SARA 311/312 Hazards

None are listed.

Massachusetts Right To Know Components

None.

Pennsylvania Right To Know Components

None.

New Jersey Right To Know Components

None.

California Prop. 65 Components

None.

SECTION 16 – OTHER INFORMATION**Full text of R and H-Statements referred to under sections 2 and 3**

None.

HMIS Rating

Health hazard:	0
Flammability:	0
Physical hazard:	0

NFPA Rating

Health hazard:	0
Fire hazard:	0
Reactivity hazard:	0

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

Prepared January 14, 2019