



**Section 1 Chemical Product and Company Identification**

**Product identifiers**

Product name: 2-AB225 Freeman Classic Clay Tan - Medium

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

Identified uses: Modeling clay used in the art bronze industry

Uses advised against: None known

**Details of the supplier of the safety data sheet**

Freeman Manufacturing & Supply Company

1101 Moore Road, Avon, OH 44011

Telephone (440) 934-1902

**24 Hour emergency telephone number: CHEMTREC (800) 424-9300**

**HMIS**

<b>H</b>	0
<b>F</b>	1
<b>R</b>	0

**PPE**  
 Sec.8.

**Section 2 Hazards Identification**

**GHS Classification**

This product is not a hazardous as defined in 29 CFR 1910.1200 (OSHA HCS)

**GHS Label elements, including precautionary statements**

Not a hazardous substance or mixture.

**Hazards not otherwise classified (HNOC) or not covered by GHS**

None known

**Section 3 Composition/Information on Ingredients**

**Mixture**

Proprietary mixture of non-sulfur fillers, waxes, resins, polymers, and pigments

Quartz and titanium dioxide are naturally occurring components of an ingredient used in this preparation. In this product the quartz and titanium dioxide are not airborne, unbound particles of respirable size and do not present a health hazard.

**Section 4 First-Aid Measures**

**Description of first aid measures**

**If inhaled**

Not anticipated to be an inhalation risk. Avoid exposure to fumes if the product is overheated/molten. Move to fresh air. Get medical advice/attention if you feel unwell.

**In case of skin contact**

Modeling clay is normally used with no skin protection. If irritation appears, it may be an allergic reaction. Discontinue use and seek medical attention if symptoms persist.

**In case of eye contact**

Immediately flush eyes thoroughly with water for at least 15 minutes.

If irritation persists, get medical assistance

**If swallowed**

Do not induce vomiting. Get medical advice/attention.

**Most important symptoms and effects, both acute and delayed**

Contact with molten product may cause severe burns to skin and eyes. Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from skin is not necessary

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Section 5 Fire-Fighting Measures**

**Suitable extinguishing media**

Use water fog, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as it may spread the fire.

**Special hazards arising from the mixture**

Watch footing on floors and stairs because of possible spreading of molten material. Material can create slippery conditions. In case of fire hazardous decomposition products may be produced such as: Carbon dioxide, carbon monoxide and complex hydrocarbons.

**Special protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.  
 Do not breathe fumes. Move containers away from fire area if safe to do so.

**Section 6 Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors. Eliminate all sources of ignition.  
 For personal protection see section 8.

**Methods and materials for containment and cleaning up**

Sweep up the spilled material. If it is clean, place in a suitable container for use. If it is contaminated, collect in a suitable container for disposal. Note that pelletized product can travel some distance when spilled. Prevent the spillage entering drainage channels.

**Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

**Section 7 Handling and Storage**

**Precautions for safe handling**

Use only in a well ventilated area and avoid breathing fumes. Avoid eye contact. Avoid skin and eye contact with molten material. Do not eat, drink or smoke while using this product.

**Conditions for safe storage, including any incompatibilities**

Keep product closed in its original packaging until used. Keep dry; avoid temperature extremes (keep between 5 & 30°C / 41 & 86°F) and direct sunlight. Keep away from sources of ignition, oxidizing agents and other chemicals.

**Specific end use(s)**

Avoid heating above 100°C (212°F).

**Section 8 Exposure Controls/Personal Protection**

**Occupational exposure limits**

Substance	Long term exposure limit (8 hr. TWA reference period)	Reference
Paraffin Wax Fume CAS # 8002-74-2	2 mg/m <sup>3</sup>	USA - NIOSH

**Appropriate engineering controls**

Good general ventilation should be used. If applicable, use local exhaust ventilation or other engineering controls to maintain airborne levels of fume or vapor (molten product) below recommended exposure limits.

**Section 8 Exposure Controls/Personal Protection** continued

**Personal protective equipment**

**Eye/face protection**

With product at ambient temperatures, use safety glasses.

**Hand Protection**

Wash hands after use

**Respiratory Protection**

The need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations are anticipated, a NIOSH-approved respirator with organic vapor cartridge and full face piece should be used.

**General Hygienic Practices**

Avoid contamination of food, beverages, or smoking materials.

Wash thoroughly after handling, and before eating, drinking or smoking.

**Section 9 Physical and Chemical Properties**

<b>Appearance</b>	Waxy brown solid
<b>Odor</b>	Characteristic
<b>Odor Threshold</b>	No data available
<b>pH</b>	No data available
<b>Freezing point</b>	No data available
<b>Initial boiling point &amp; boiling range</b>	No data available
<b>Flash point</b>	No data available
<b>Evaporation rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/lower flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor density</b>	No data available
<b>Relative density</b>	No data available
<b>Water Solubility</b>	Soluble
<b>Coefficient: n-octanol/ water</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Viscosity</b>	Solid at room temperature

**Section 10 Stability and Reactivity**

<b>Reactivity</b>	None known
<b>Stability</b>	Stable as supplied
<b>Possibility of hazardous reactions</b>	None known
<b>Conditions to avoid</b>	Avoid molten state. Excessive thermal exposure will oxidize the product. Generation of gas during decomposition can cause pressure in closed systems. Avoid static discharge.
<b>Incompatible materials</b>	Strong acids, strong bases, strong oxidizing agents.
<b>Hazardous decomposition products</b>	Decomposition products depend on air supply and the presence of other materials. They can include and are not limited to: carbon dioxide, carbon monoxide, alcohols, ethers, aldehydes and carboxylic acids.

**Section 11 Toxicological Information**

**Information on likely routes**

<b>Inhalation</b>	None known
<b>Skin contact</b>	No adverse effects due to skin contact are expected. Molten product will cause thermal burns on contact with the skin.
<b>Eye contact</b>	Molten product will cause thermal burns on contact with the eyes. Solid product may produce irritation upon contact with the eye.
<b>Ingestion</b>	No data available
<b>Skin corrosion/irritation</b>	No data available on product.
<b>Serious eye damage/irritation</b>	No data available on product.
<b>Respiratory or skin sensitisation</b>	No data available on product.
<b>Germ cell mutagenicity</b>	No data available on product.
<b>Carcinogenicity</b>	No data available on product. Long term exposure to crystalline silica can cause lung injury (silicosis). IARC and NTP have determined that crystalline silica inhaled from occupational sources can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure. This product does not contain respirable crystalline silica.
<b>Toxicity for reproduction</b>	No data available on product.
<b>STOT - repeated exposure</b>	No data available on product.
<b>Aspiration hazard</b>	No data available on product.

**Section 12 Ecological Information**

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulative potential</b>	No data available
<b>Mobility in soil</b>	No data available
<b>Results of PBT &amp; vPvB assessment</b>	No data available

Users of the product should ensure that it is stored, handled and disposed of in such a manner that it is not released to the environment. Spent material from the flash fire furnace or autoclave must therefore be stored in such a manner as to prevent environmental contamination, either by solid product or rain water run-off from it.

**Section 13 Disposal Considerations**

Contact a licensed contractor for detailed recommendations. Dispose of in accordance with all applicable Federal, state, and local regulations.

**Section 14 Transport Information**

<b>DOT</b>	Not Regulated
<b>IMDG</b>	Not Regulated
<b>IATA</b>	Not Regulated

**Section 15 Regulatory Information**

**US Federal Regulations**

TSCA: All components of this product are listed or exempted from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

EPCRA section 302: This material contains no extremely hazardous substances

SARA 311/312: None

SARA 313: Not applicable

**US State Regulations**

California Proposition 65: None

This product contains silica, crystalline and titanium dioxide which are neither airborne, nor unbound particles of respirable size.

**Section 16 Other Information**

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