



# CLAY PLANET

## Safety Data Sheet

SDS prepared by Matt Hoogland 6/1/2020

GHS – United States

### Section 1. Identification

**Product Names** Aftosa Green Wax Resist, Aftosa Black Wax Resist

**Synonym** Wax emulsion, cuerda seca wax

**Supplier/Manufacturer** Clay Planet  
1775 Russell Ave  
Santa Cara, CA 95054 USA  
408-295-3352 phone  
408-295-8717 fax  
800-443-2529 toll-free  
[info@clay-planet.com](mailto:info@clay-planet.com)

**Emergency Phone Number** 911

**Product Use** Ceramic decoration and pottery making

**Restrictions on use** Not applicable

### Section 2. Hazards Identification

**Classification of the** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)  
Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Substance or mixture** Aqueous solution.

**Physical state** Liquid

**Odor** Slight citrus

**Hazard Statement** Unknown Acute Toxicity 0.006% of the mixture consists of ingredient(s) of unknown toxicity.

\* The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret.

### Section 3: Composition / Information on Ingredients

**Substances:** N/A

**Mixtures:** A propriety formula trade secret claim is made for this group of substantially similar mixtures.

Chemical	CAS Numbers	Ingredient % of Product	Trade Secret
Water	7732-18-5	40-50	*
Hydrotreated paraffin wax (petroleum)	64742-51-4	25-35	*
Petrolatum	8009-03-8	15-20	*
Emulsifiers	Proprietary	<2	*
PROPRIETARY BLEND (Trade Secret) OF PLANT EXTRACTS (ESSENTIAL OILS)	N/A	<1	*
PROPRIETARY STAIN COMBINATION FOR BLACK WAX ONLY	N/A	<5	*

Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

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### Section 4: First-Aid Measures

#### Description of first-aid Measures:

##### First aid measures

**Eye contact** Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.

**Skin Contact** Wash skin with soap and water. (Get medical attention immediately if symptoms occur.).

**Inhalation** Remove to fresh air. (Get medical attention immediately if symptoms occur.).

**Ingestion** Clean mouth with water and drink afterwards plenty of water. (Get medical attention immediately if symptoms occur.).

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

Symptoms No information available.

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

Note to physicians Treat symptomatically. **If exposed or concerned, get medical advice and attention.**

### Section 5. Fire-Fighting Measures

#### National Fire Protection Association (U.S.A.)

<b>Suitable extinguishing media</b>	Use extinguishing media appropriate for surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire
<b>Special hazards arising from the substance or mixture</b>	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
<b>Hazardous thermal decomposition products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide. Hydrocarbons. Nitrogen oxides (NO <sub>x</sub> ).
<b>Special protective actions for fire-fighters</b>	Product can become slippery when wet.
<b>Special protective equipment for fire-fighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### Section 6. Accidental Release Measures

#### Use of personal precautions

Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required.

#### Emergency procedures

There are no emergency procedures required for this mixture.

#### Methods and Materials for containment

Product comes in plastic bottles, 4 ounce, 16 ounce, 128 ounce..

#### Clean up procedures

Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.



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### Section 7. Handling & Storage

#### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

#### Recommendations on the

Keep container tightly closed in a dry and well-ventilated place. Store at ambient conditions. **Keep from freezing conditions** for safe storage.

#### Incompatible materials

Strong oxidizing agents.

### Section 8. Exposure Controls / Personal Protection

Chemical Name	CAS Numbers	Occupational Exposure Limits
Hydrotreated paraffin wax (petroleum)	64742-51-4	ACGIH TLV - 2mg/m <sup>3</sup> Wax Fume OSHA PEL - 2mg/m <sup>3</sup> Wax Fume
Petrolatum	8009-03-8	ACGIH TLV - 5 mg/m <sup>3</sup> TWA 10 mg/m <sup>3</sup> 15 min STE

#### Appropriate engineering controls

Showers, Eyewash stations, Ventilation systems

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Avoid contact with skin, eyes or clothing. Avoid breathing (dust, vapor, mist, gas). Wash face, hands and any exposed skin thoroughly after handling. Use personal protective equipment as required.



Protective Clothing Pictograms

N-95 face mask



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### Section 9. Physical & Chemical Properties

Physical State	Liquid in bottle
Appearance	Aqueous solution
Odor	Slight
Odor Threshold	Not Applicable
pH	No Information available
Solubility in Water	Dispersible
Melting Point	No Information available
Freezing Point	< 0 °C (<32°F)
Specific Gravity / Relative Density	No Information available

### Section 9. Physical & Chemical Properties

Evaporation Rate	No data available
Boiling Point	Not Applicable
Flash Point	Not Applicable
Auto-Ignition Temperature	Not Applicable
Decomposition Temperature	Not Applicable
Flammability	Not Applicable
Vapor Pressure	Not Applicable - Negligible
Vapor Density	Not Applicable
Explosive Limits	Not Applicable
Viscosity	Not Applicable
Partition Coefficient: n-octanol/water	Not Applicable

### Section 10: Stability & Reactivity

<b>Reactivity</b>	No known effects under normal use conditions
<b>Chemical stability</b>	Stable at standard temperature and pressure. No stabilizers required to maintain chemical stability.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Carbon dioxide (CO <sub>2</sub> ), Carbon monoxide, Hydrocarbons, Nitrogen oxides (NO <sub>x</sub> )

### Section 11: Toxicological Information

**Routes of Exposure** Inhalation of fume, Ingestion

Descriptions of the delayed, immediate, or chronic effects from short- and long-term exposure	
<b>Inhalation</b>	Inhalation of vapors in high concentration may cause irritation of respiratory system
<b>Eye Contact</b>	May cause mechanical irritation.
<b>Skin Contact/Irritation</b>	May cause slight skin irritation.
<b>Sensitization</b>	No Information available
<b>Ingestion</b>	No Information available
<b>Carcinogenicity</b>	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.
<b>Mutagenic Effects</b>	No Information available



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### Section 12. Ecological Information (non-mandatory)

#### **Ecotoxicity**

82.553% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

**Chemical Name** Petrolatum 8009-03-8

**Algae/aquatic plants** > 100 mg/l 72 h ErC50

**Fish** > 100 mg/l 96 h LC50

**Toxicity to microorganisms** Unknown

**Crustacea** > 10000 mg/l 48 h EC50- daphnia

#### **Persistence and degradability**

No information available.

#### **Bioaccumulation**

No information available.

#### **Other adverse effects**

No information available

### Section 13. Disposal Considerations

#### **Waste treatment methods**

#### **Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated packaging**

Do not reuse container. Disposal should be in accordance with applicable regional, national and local laws and regulations.

### Section 14. Transportation Information (non-mandatory)

<b>Regulatory Information</b>	<b>UN Number</b>	<b>UN Proper Shipping Name</b>	<b>Transport Hazard Class</b>	<b>Packing Group Number</b>	<b>Bulk Transport Guidance</b>	<b>Special Precautions</b>
<b>DOT Classification</b>	Not regulated	-	-	-	-	-
<b>TDG Classification</b>	Not regulated	-	-	-	-	-
<b>ADR/RID Class</b>	Not regulated	-	-	-	-	-
<b>IMDG Class</b>	Not regulated	-	-	-	-	-
<b>IATA-DGR Class</b>	Not regulated	-	-	-	-	-



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### Section 15. Regulatory Information (non-mandatory)

<b>TSCA – Toxic Substances Control Act - EPA</b>	Complies
<b>CONFORMS WITH ASTM D4236</b>	Certified Non-Toxic in moist form. ASTM - American Society for Testing and Materials
<b>California Prop. 65</b>	<b>WARNING:</b> This product contains a chemical known to the State of California to cause cancer. (Prop. 65 - Calif. Health & Safety Code Section 2549 Et Seq.)

### Section 16. Other Information

#### Definitions

OSHA means Occupational Safety & Health Administration

IARC means International Agency for Research on Cancer

NTP means National Toxicology Program

HCS means Hazardous Communication Standard

TLV means Threshold Limit Value - American Conference of Governmental Industrial Hygienists (ACGIH)

PEL means OSHA Permissible Exposure Limit

TWA means Time Weighted Average (average exposure on the basis of an 8h/day, 40h/week work schedule)

CAS means Chemical Abstract Service

ASTM means American System of Testing and Materials

This SDS is in compliance with The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) – prepared June 1, 2020. This data sheet is subject to change without notice.

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**END OF SAFETY DATA SHEET**