



CLAY PLANET

Safety Data Sheet

SDS prepared by Matt Hoogland 3/31/2025

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 Clara, CA 95054 USA
408-295-3352 phone
408-295-8717 fax
800-443-2529 toll-free
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.)

Suitable extinguishing media	Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire
Special hazards arising from the substance or mixture	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Hazardous thermal decomposition products	Carbon dioxide (CO ₂). Carbon monoxide. Hydrocarbons. Nitrogen oxides (NO _x).
Special protective actions for fire-fighters	Product can become slippery when wet.
Special protective equipment for fire-fighters	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 ³ Wax Fume OSHA PEL - 2mg/m ³ Wax Fume
Petrolatum	8009-03-8	ACGIH TLV - 5 mg/m ³ TWA 10 mg/m ³ 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

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

Section 11: Toxicological Information

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

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



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Section 15. Regulatory Information (non-mandatory)

TSCA – Toxic Substances Control Act - EPA	Complies
CONFORMS WITH ASTM D4236	Certified Non-Toxic in moist form. ASTM - American Society for Testing and Materials
California Prop. 65	WARNING: 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