

MSDS for #74995 - NATURAL OIL PAINT

This Safety Data Sheet (SDS) has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (CFR 29 1910.1200).

United States

SAFETY DATA SHEET

NATURAL EARTH PAINT

eco-friendly paint kits

Biobased Deep Base Formulation**Section 1. Identification**

GHS product identifier : Biobased Deep Base Formulation

Other means of identification : Not available.

Chemical formula : Not applicable.

Product type : Liquid.

Material uses : Interior Paint

Supplier : Natural Earth Paint
330 E. Hersey St. #7
Ashland, OR 97520
541-631-3437

e-mail address of person responsible for this SDS : info@natureearthpaint.com (Communication in English only please)

Emergency telephone number : (802)472-8700 Medical Emergency

For chemical emergency, spill, leak, fire, exposure or accident: call CHEMTREC day or night. DOMESTIC NORTH AMERICA 800-424-9300; INTERNATIONAL, CALL 703-527-3887 (collect calls accepted)

Section 2. Hazards identification

OSHA/HCS status : While this Material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains information on safe handling and proper use of product.

Classification of the substance or mixture : Not Classified

GHS label elements**Hazard pictograms**

Signal word : No signal word

Hazard statements : No Known Significant effects or critical hazards

Precautionary statements

Prevention : Wear eye or face protection. Wear protective clothing.

Response : Not applicable

Storage : Not applicable

Disposal : Not applicable

Hazards not otherwise classified : None known.

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HMIS® IV
Hazardous Material
Information System (U.S.A.)

Health	/	1
Flammability		0
Physical hazards		0

The PPE (Personal Protection Equipment) designation in the HMIS is provided for use by employees at supplier sites only. Other users of this product are encouraged to evaluate the hazards of the product and assign PPE that is applicable to their specific situations.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of identification : Not available.

CAS number : Not applicable.

Ingredient name	%	CAS number
Not applicable.		

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Remarks : Developmental product
This product is intended solely for evaluation purposes only by laboratory personnel qualified by training or experience in the skills of safely handling experimental chemicals. The health and safety aspects of this material have not been fully evaluated.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention.

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immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed**Potential acute health effects**

- Eye contact** : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments : No specific treatment.
Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures
Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media : None known.

- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
 carbon dioxide
 carbon monoxide
 sulfur oxides
 metal oxide/oxides
 (dense) black smoke
 aldehydes
 organic acids

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

- Remarks** : The material will not support combustion unless the water has evaporated.

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Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 5 to 30°C (41 to 86°F). Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. Store in original container, protected from direct sunlight.
Keep away from heat and direct sunlight.
- Remarks** : Sensitive to frost.

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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Not available.

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. 4 - 8 hours (breakthrough time): nitrile rubber (0.5 mm)
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Remarks** : If respiratory protection is needed, use a NIOSH certified respirator with an Assigned Protection Factor (APF) of at least 10.

Section 9. Physical and chemical properties

Appearance

- Physical state** : Liquid. [Milky emulsion.]
- Color** : Milky Clear.
- Odor** : mild Ammonia.
- Odor threshold** : Not available.
- pH** : Not available.

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Melting point	: 0 °C
Boiling point	: >100 °C
Flash point	: Closed cup: >212°F (>100°C) [(estimate)]
Evaporation rate	: Not available.
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Not available.
Vapor pressure	: 2.3 kPa
Vapor density	: Not available.
Relative density	: 1.2 (Water = 1)
Density (g/cm³)	: 1.2 g/cm³ (23°C)
Bulk density	: Not available.
Solubility	: Partially soluble in the following materials: cold water and hot water.
Solubility in water	: Not available.
Solubility at room temperature	: Not available.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not applicable.
Decomposition temperature	: Not available.
Viscosity	: Not available.
Remarks	: Miscible in water.

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable. Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: No specific data.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Not applicable.				-

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Not applicable.					

Sensitization

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Product/ingredient name	Route of exposure	Species	Result
Not applicable.			

Mutagenicity

Product/ingredient name	Test	Experiment	Result
Not applicable.			

Carcinogenicity

Product/ingredient name	Result	Species	Dose	Exposure
Not applicable.				

Classification

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

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Delayed and immediate effects and also chronic effects from short and long term exposure**Short term exposure**

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Product/ingredient name	Result	Species	Dose	Exposure
Not available.				

General : No known significant effects or critical hazards.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity**Acute toxicity estimates**

Not available.

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Not available.			

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
Not available.			

Mobility in soil

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Soil/water partition coefficient (K_{oc}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-	-	-
Transport hazard class(es)	-	-	-	-	-	-
Packing group	-	-	-	-	-	-
Environmental hazards	No.	No.	No.	No.	No.	No.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **United States inventory (TSCA 8b):** Not determined.
Clean Water Act (CWA) 311: potassium hydroxide; Ammonia; methyl methacrylate; Styrene

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	Product/ingredient name	CAS #	%
Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)	methyl methacrylate Styrene	80-62-6 100-42-5	0.03776 0.0024577

Clean Air Act Section 602
Class I Substances : Not listed

Clean Air Act Section 602
Class II Substances : Not listed

DEA List I Chemicals
(Precursor Chemicals) : Not listed

DEA List II Chemicals
(Essential Chemicals) : Not listed

SARA 313

	Product name	CAS number	%
Form R - Reporting requirements			
Supplier notification			

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : None of the components are listed.

New York : None of the components are listed.

New Jersey : None of the components are listed.

: None of the components are listed.

Pennsylvania

California Prop. 65

WARNING: This product can expose you to chemical including Styrene, which is known to the State of California to cause cancer, and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Styrene	Yes.	-

International regulations**Chemical Weapon Convention List Schedules I, II & III Chemicals**

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Ingredient name	List name	Status
Not listed.		

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Ingredient name	List name	Status
Not listed.		

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Ingredient name	List name	Status
Not listed.		

International lists

Canada inventory : At least one component is not listed.

Section 16. Other information

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

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

History

Code	: VNCV#3.3
Date of printing	: 8/17/2020
Date of issue/Date of revision	: 8/17/2020
Date of previous issue	: 6/21/2019
Version	: 3.3
Key to abbreviations	: ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United Nations

Procedure used to derive the classification

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Classification	Justification
CARCINOGENICITY - Category 2	Calculation method

References : Not available.

■ Indicates information that has changed from previously issued version.

Notice to reader

The information contained in the Material Safety Data Sheet is based on our data available on the date of publication. The information is intended to aid the user in controlling the handling risks; it is not to be construed as a warranty or specification of the product quality. The information may not be or may not altogether be applicable to combinations of the product with other substances or to particular applications.

The user is responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data are suitable and sufficient for the product's intended purpose. In case of any unclarity we advise consulting the supplier or an expert.

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Natural Watercolor Kit

1.2. Relevant identified uses of the substance or mixture

The Natural Watercolor Kit is a DIY kit for artists to mix their own natural paint.

1.3 Details of the supplier of the safety data sheet:

Supplier:**Name:** Natural Earth Paint (Earth Paints LLC)**Address:** 330 E. Hersey St. #7 Ashland, OR 97520**www.naturalearthpaint.com****E-Mail :** info@naturalearthpaint.com

1.4 EMERGENCY TELEPHONE NUMBER:

541-631-3437

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

This paint is not classified as dangerous according to Directive 67/548 / EEC and its amendments.

For more details on health consequences and symptoms, see section 11.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No labeling element is required

2.3 Other hazards

The mixture does not meet the criteria for PBT or vPvB substances according to Annex XIII of REACH Regulation (CE) No 1907/2006

SECTION 3. Composition/information on ingredients

3.1 Substances

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Substance names: Gum Arabic Powder and Natural Pigments (Venetian Red, Orange Ocher, Yellow Ocher, Emerald Green, Ultramarine Blue, Ultramarine Purple, and Burnt Sienna)

INDEX No: 110

REACH No: no

CAS No: Gum Arabic Powder: 9000-01-5, Natural Iron Oxide Pigments: 1309-37-1

The Natural Watercolor Kit is not classified as dangerous for supply or transport. As with all pigment powders, they can create a nuisance dust which may aggravate existing respiratory problems.

This product does not contain any ingredients that are hazardous to require a statement in this section, in accordance with EU regulations or national regulations.

REACH: this preparation is not subject to reach

SECTION 4: First aid measures

Description of first aid measures

Following inhalation: Remove patient to fresh air

Following skin contact: Wash with soap and water

Following eye contact: Rinse immediately with plenty of water. Also under the eyelids, for at least 15 minutes. If irritation persists seek medical attention.

Following ingestion: This product is non-toxic

SECTION 5: Firefighting measures

This mixture is not flammable. In case of fire, spray with water, dry chemical, foam or carbon dioxide.

SECTION 6: Accidental release measures

Provide adequate ventilation. Put on appropriate personal protective equipment. Sweep up spillages.

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SECTION 7: Handling and storage

Precautions for safe handling

Avoid excessive dust generation
No other special measures required

SECTION 8: Exposure controls/personal protection

The Natural Watercolor Kit is considered non-toxic.

Respiratory Protection: If nuisance dust is created, wear a suitable dust mask.

Hand Protection: This product is non-irritating, therefore protection is not essential. However it is recommended to use vinyl gloves when handling bulk quantities. Wash hands after handling product.

Eye Protection: Use safety eyewear if using in windy conditions.

Body Protection: Wear overalls when handling bulk quantities. Chemical resistant materials are not required.

SECTION 9: Physical and chemical properties

Physical State: Powder

Colors: red, orange, yellow, green, blue, purple, brown

Odor: odorless

Ph: 7

Melting Point: not available

Bulk density: 685 g / l

Solubility: insoluble

Flammability: Not applicable. This product is not flammable and does not provide conditions favourable to combustion.

Specific Gravity: 2.35

Explosive limits: Natural Earth Paint dusts do not form explosive mixtures in air.

SECTION 10: Stability and reactivity

The product is stable

Under normal conditions of storage and use, no hazardous decomposition products should appear.

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SECTION 11: Toxicological information

Any effects of chronic toxicity or sensitization are virtually excluded by that natural iron oxide is a natural mineral of the earth's surface and in a dissolved state, a natural constituent of water in nature.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards

Skin contact: No known significant effects or critical hazards

Eye contact: Exposure to large atmospheric concentrations may possibly lead to eye irritation.

If the product is handled properly, it has no harmful effects according to our experiences and information.

SECTION 12: Ecological information

Natural Iron Oxide Pigment (ocher) is, in the solid state, a mineral constituent, natural of the earth. In the dissolved state, the substance is a natural constituent of water in nature. Gum Arabic is a tree sap from the Acacia tree – commonly used in food production. Therefore, adverse effects on the environment can be excluded. Iron oxide pigment does not biodegrade.

SECTION 13: Disposal considerations

Method of Disposal: Dispose of in accordance with local and national regulations governing chemical waste. This product is not considered a hazardous waste.

SECTION 14: Transport information

This product is not subject to labelling. No special conditions.

SECTION 15: Regulatory information

The Natural Watercolor Kit is not classified as dangerous goods.

SECTION 16: Other information

Although The Natural Watercolor Kit is non toxic, inhalation of dusts and powders should always be avoided in the general interests of health and safety. Wear dust protection if necessary.

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SECTION 1: General Information

Product identifier:**Natural Varnish****Recommended Use:** General Purpose varnish or sealer for paintings, wood and crafts**Manufacturer / Distributor:**

Natural Earth Paint
330 E. Hersey St. #7 Ashland, OR 97520
541-631-3437
info@naturearthpaint.com

EMERGENCY TELEPHONE NUMBER:

Chemtrec (800) 424-9300

SECTION 2: Hazardous Ingredients

<u>Hazardous Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ethyl Alcohol	64-17-5	1000 ppm	1000 ppm

OSHA Hazards: Flammable Liquid, Irritant, Target Organ Effect**Signal Words:** Danger**Pictograms:**

SECTION 3: Hazards identification

Emergency Overview: This material is a cloudy, golden colored liquid coating used to finish wood, art and crafts. It has a flashpoint of 62° F.**Primary Routes of Exposure:** Inhalation**Potential Acute Health Effects:****Eye:** May Cause Eye Irritation**Skin:** May Cause Skin Irritation with repeated contact**Ingestion:** May cause gastrointestinal discomfort if swallowed.**Inhalation:** Vapors may be irritating to eyes and respiratory tract.**Potential Chronic Health Effects:**

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Chronic Exposures may result in irritation to mucous membranes, headache, drowsiness.

SECTION 3. Composition/information on ingredients

Mixture:

Proprietary blend of natural oils, plant resins and ethyl alcohol

SECTION 4: First aid measures

Following inhalation: If exposed to excessive levels of vapour or mist, remove to fresh air.

Following skin contact: Wash with soap and water

Following eye contact: Flush eyes with water for atleast 15 min.

Following ingestion: Drink water to dilute. Call a physician

SECTION 5: Firefighting measures

Flash Point (method): 62°

Extinguishing media: Use dry chemical, "alcohol resistant" foam, or carbin dioxide. Water may be ineeffective but water applied as a spray can absorb some of the fire's heat and should be used to keep fire-exposed containers cool.

Fire & Explosion Hazards: Vapors may form explosive mixture with air.

Protection of fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH and full protective gear. Evacuate area and fight fire from safe distance.

SECTION 6: Accidental release measures

Personal precautions: Avoid skin contact. Avoid breathing vapors. Wash hands before eating.

Clean Up Methods: Remove all sources of ignition. Contain spill with inert material (sand, earth, etc.) and transfer liquid to containers for recovery or disposal. Floors may be slippery; care should be exercised to avoid falls. Avoid runoff into storm sewers and ditches that lead to waterways.

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SECTION 7: Handling and storage

Precautions for safe handling: Keep away from heat, spark, and flame. Keep operating temperatures below ignition temperatures at all times. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing.

Storage: Store away from heat. Keep away from heat, sparks, and flame. Keep containers tightly closed and upright when not in use. Protect against physical damage.

SECTION 8: Exposure controls/personal protection

Engineering Controls : Use general room dilution ventilation, process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Biological limit values

Limit value type (country of origin)	Source	Type	Limit Value	Notes
Ethyl Alcohol	US (OSHA)	TWA	1000 ppm/1,900 mg/m ³	29 CFR 1910.1000 Table z-I Limits for Air Contaminants
Ethyl Alcohol	US (OSHA)	IDHL	3300 ppm	None
Ethyl Alcohol	US (ACGIH)	STEL	1000 ppm	Upper respiratory tract irritation confirmed

Personal protective equipment (PPE):

Eye / Face protection: Where contact is likely, wear chemical splash goggles.

Skin protection: Where contact is likely, wear chemical resistant gloves and other protective clothing to prevent skin contact.

Respiratory protection: Where vapour levels exceed allowable exposure limits, wear a NIOSH approved air purifying respirator with an organic vapour cartridge.

General Hygiene Practices: Avoid eye and skin contact. Avoid breathing vapors. Wash hands before eating and drinking. Do not smoke while using this material.

SECTION 9. Physical and chemical properties

Appearance: Cloudy, Golden Liquid

Physical State: Liquid

Odor: Mild alcohol odor

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	Value
pH	4.5 – 5.5
Melting point/freezing point	N/A
Initial boiling point/boiling range	173° F
Flash point	62° F
Odor Threshold	N/D
Flammability (solid, gas)	flammable
Upper/lower flammability or explosive limits	3.3-19%
Vapour pressure	40 mm/Hg
Vapour density	1.59
Relative density	N/A
Solubility(ies)	Soluble in Water
Partition coefficient: n-octanol/water	N/A
Auto-ignition temperature	685° F
Decomposition temperature	N/A
Viscosity	25-300 cps

SECTION 10: Stability and reactivity

Chemical stability: Stable, non-reactive under correct storage conditions

Possibility of hazardous reactions: Will Not Occur

Conditions to avoid: Keep away from heat, flames, and sparks.

Incompatible materials: Alkali metals, Ammonia, Oxidizing agents, peroxides

Hazardous decomposition products: Carbon oxides

SECTION 11: Toxicological information

Carcinogenicity: This material is not considered a carcinogen by IARC or NTP and is not regulated as a carcinogen by OSHA.

SECTION 12: Ecological information

Chemical Fate and Effects: No data available.

Bioaccumulation is unlikely. Biodegradation is expected.

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SECTION 13: Disposal considerations

Waste Residues & Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Use care as product is ignitable and flammable. Handle with care.

SECTION 14: Transport information

Regulated by the DOT: Yes

DOT Proper Shipping Name: Paint

Class: 3, Flammable Liquid

Packing Group: II

Not a Marine Pollutant

SECTION 15: Regulatory information

Federal EPA/OSHA:

CERCLA: No chemicals in this material with known CAS numbers are subject to the reporting requirements of CERCLA (act of 1980)

SARA (302, 304, 311,312): Title III requires emergency planning based on threshold planning quantities and release reporting based on reportable quantities in 40 CFR 355 (311/312 Acute Health Hazard, Chronic Health Hazard, Fire Hazard)

SARA (313): Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372.
(this material does not contain any chemical components with known CAS numbers that exceed reporting limits.)

Toxic Substances Control Act (TSCA) Status: All components of this product are listed or are exempt from listing on the TSCA inventory.

State Right to Know:

Massachusetts- Ethanol CAS-No. 64-17-5 Revision date 2007-03-01

Pennsylvania- Ethanol CAS- No. 64-17-5 Revision date 2007-03-01

New Jersey- Ethanol CAS-No. 64-17-5 Revision date 2007-03-01

California- Warning. This product contains a chemical known to the state of California to cause birth defects or other reproductive harm if consumed – Ethyl alcohol CAS 64 17-5 Revision Date: 2009-12-11

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SECTION 16: Other information

The information contained herein is based on data considered to be accurate, however, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. It is the user's obligation to determine the conditions of safe use of the product. Revised 1/26/16

Product Information & Emergency Assistance (541) 631-3437

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Eco Gesso Kit

1.2. Relevant identified uses of the substance or mixture

The Eco Gesso Kit is an eco-friendly artist gesso (primer).

1.3 Details of the supplier of the safety data sheet:

Supplier:**Name:** Natural Earth Paint (Earth Paints LLC)**Address:** 330 E. Hersey St. #7 Ashland, OR 97520**www.naturalearthpaint.com****E-Mail :** info@naturalearthpaint.com

1.4 EMERGENCY TELEPHONE NUMBER:

541-631-3437

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

This gesso is not classified as dangerous according to Directive 67/548 / EEC and its amendments.

For more details on health consequences and symptoms, see section 11.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No labeling element is required

2.3 Health hazards

Inhalation: Inhalation of high concentrations of this inert nuisance particulate can result in irritation of the respiratory tract.**Eye:** May cause irritation through mechanical abrasion.**Skin:** May cause irritation through mechanical abrasion.**Ingestion:** Ingestion of very large quantities may result in intestinal obstruction and/or constipation.

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SECTION 3. Composition/information on ingredients

3.1 Substances

Substance names: Limestone Powder (chalk), Marble Dust, Methyl Cellulose, Zinc Oxide

INDEX No: 149

REACH No: no

CAS No:

Limestone Powder (1317-65-3), Marble Dust (1317-65-3), Methyl Cellulose (9004-67-5), Zinc Oxide (13463-67-7)

The Eco Gesso Kit is not classified as dangerous for supply or transport.

As with all pigment powders, they can create a nuisance dust which may aggravate existing respiratory problems.

This product does not contain any ingredients that are hazardous to require a statement in this section, in accordance with EU regulations or national regulations.

REACH: this preparation is not subject to reach

SECTION 4: First aid measures

Description of first aid measures

Following inhalation: Remove patient to fresh air

Following skin contact: Wash with soap and water

Following eye contact: Rinse immediately with plenty of water. Also under the eyelids, for at least 15 minutes. If irritation persists seek medical attention.

Following ingestion: This product is non-toxic

SECTION 5: Firefighting measures

National Fire Protection Rating (NFPA)

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
4=Severe 3=Serious 2=Moderate 1=Slight 0=Minimal	

FLASHPOINT: >200°F / >100°C

EXTINGUISHING MEDIA: Use foam, dry chemical, or water spray.

FIRE AND EXPLOSION HAZARD: Methyl Cellulose may be combustible at high temperatures. Avoid generating dust. Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

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FIRE FIGHTING INSTRUCTIONS: Use protective equipment appropriate for surrounding materials. No specific precautions.

FIRE FIGHTING EQUIPMENT: 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

Provide adequate ventilation. Put on appropriate personal protective equipment. Sweep up spillages.

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SECTION 7: Handling and storage

Precautions for safe handling

Avoid excessive dust generation
No other special measures required

SECTION 8: Exposure controls/personal protection

The Eco Gesso Kit is considered non-toxic.

Respiratory Protection: If nuisance dust is created, wear a suitable dust mask.

Hand Protection: This product is non-irritating, therefore protection is not essential. However it is recommended to use vinyl gloves when handling bulk quantities. Wash hands after handling product.

Eye Protection: Use safety eyewear if using in windy conditions.

Body Protection: Wear overalls when handling bulk quantities. Chemical resistant materials are not required.

SECTION 9: Physical and chemical properties

Physical State: Powder

Color: White

Odor: odorless

Ph: 7

Melting Point: not available

Bulk density: 685 g / l

Solubility: insoluble

Flammability: Not applicable. This product is not flammable and does not provide conditions favourable to combustion.

Specific Gravity: 2.35

Explosive limits: Eco Gesso Kit does not form explosive mixtures in air.

SECTION 10: Stability and reactivity

PRODUCT REACTIVITY: The ingredients are stable under recommended storage conditions

CHEMICAL STABILITY: Stable under normal conditions.

HAZARDOUS POLYMERIZATION: Product will not undergo polymerization

CONDITIONS TO AVOID: Heat. Avoid dust formation.

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INCOMPATIBLE MATERIALS: Stable under normal conditions.**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide. Carbon dioxide

SECTION 11: Toxicological information

Any effects of chronic toxicity or sensitization are virtually excluded by that natural iron oxide is a natural mineral of the earth's surface and in a dissolved state, a natural constituent of water in nature.

Inhalation: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards

Skin contact: No known significant effects or critical hazards

Eye contact: Exposure to large atmospheric concentrations may possibly lead to eye irritation.

If the product is handled properly, it has no harmful effects according to our experiences and information.

SECTION 12: Ecological information

Eco Gesso does not biodegrade.

SECTION 13: Disposal considerations

Method of Disposal: Dispose of in accordance with local and national regulations governing chemical waste. This product is not considered a hazardous waste.

SECTION 14: Transport information

This product is not subject to labelling. No special conditions.

SECTION 15: Regulatory information

The Eco Gesso Kit is not classified as dangerous goods.

SECTION 16: Other information

Although The Eco Gesso Kit is non toxic, inhalation of dusts and powders should always be avoided in the general interests of health and safety. Wear dust protection if necessary.

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY Natural Earth Paint, except that the product shall conform to contracted specifications. The information provided herein was believed by the Natural Earth Paint to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for

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its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, and whether based on contract, breach of warranty, negligence, or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.