

Safety Data Sheet

Natural Earth Paint
Version: 1

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Print date: 12.01.2019
Revision date: 12.01.2019

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@natureearthpaint.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-1 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