

00523-1023

NATURAL EARTH PAINT

eco-friendly art supplies

Safety Data Sheet – Ultramarine Blue Pigment

Revision date: 12/10/2024

Supplier name/address/telephone no./Emergency phone number:

Natural Earth Paint
330 E Hersey St. Ste 7
Ashland, OR 97520
541-631-3437 / 800-222-1222 (poison control)

1. IDENTIFICATION

Product identifier used on the label

Ultramarine Blue / 3 oz. / 1 lb.

Recommended use*: Colorants for industrial use

Recommended use*: pigment

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Human health	May be slightly irritating to eyes. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May be slightly irritating to skin.
Classification (EC 1272/2008)	
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified
Human health	May be slightly irritating to eyes. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May be slightly irritating to skin.
Environmental	The product is not expected to be hazardous to the environment.

2.2. Label elements

Hazard statements NC Not Classified

2.3. Other hazards

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This product does not contain any substances classified as PBT or vPvB. Contact with acids liberates hydrogen sulphide, a highly flammable, toxic gas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

CI PIGMENT BLUE 29 (77007) CAS number: 101357-30-6	80-100%	REACH registration number: 012119488928-13-0002
EC number: 309-928-3		
Classification Not Classified		
KAOLIN CAS number: 1332-58-7	0-20%	
Exempt under REACH		EC number: 310-194-1
Classification Not Classified		

The full text for all hazard statements is displayed in Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Never give anything by mouth to an unconscious person.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if any discomfort continues.

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Protection of first aiders- No specific requirements are anticipated under normal conditions of use.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause temporary eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor No specific recommendations.

5. FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:	Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing:	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Sulphur dioxide.
Hazardous combustion products	Sulphur dioxide.

5.3. Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapors
Special protective equipment	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing for fire fighters

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6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust and vapors.

6.2. Environmental precautions

Environmental precautions. Avoid spreading dust or contaminated materials. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust.

6.4. Reference to other sections

Reference to other sections See Section 1 for emergency contact information. For personal protection, see Section 8. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Usage precautions - Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product. Earth container and transfer equipment to eliminate sparks from static electricity. Advice on general occupational hygiene - Use appropriate skin cream to prevent drying of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions - Keep container dry. Keep away from flammable and combustible materials. Avoid contact with acids and alkalis. Keep away from food and drink.

7.3. Specific end use(s) Specific end use(s) - The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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8.1. Control parameters Occupational exposure limits

Long-term exposure limit (8-hour TWA): NUI 4 mg/m³ respirable dust Long-term exposure limit (8-hour TWA): NUI 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 2 mg/m³ respirable dust

WEL=WorkplaceExposureLimit.

Ingredient comments No exposure limits known for ingredient(s)

8.2. Exposure controls



Protective equipment

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure

limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

Environmental exposure controls

Insoluble in water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Color	Violet.
Odor	Odorless.

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Odor threshold	Not applicable.
pH	pH (diluted solution): 7-9 10%
Melting point	Not relevant.
Initial boiling point and range	Not relevant.
Flash point	Not relevant.
Evaporation rate	Not relevant.
Evaporation factor	Not relevant.
Flammability (solid, gas)	Not relevant.
Upper/lower flammability or explosive limi	Not relevant.
Other flammability	Not relevant.
Vapor pressure	Not relevant.
Vapor density	Not relevant.
Relative density	~2.35 g/cm ³
Solubility(ies)	Insoluble in water.
Decomposition Temperature	4000C/7500F
Viscosity	Not relevant.
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.

9.2. Other information

Volatile organic compound This product contains a maximum VOC content of None.

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity - Acids.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as

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recommended.

Will decompose at temperatures exceeding 400 °C/750 °F.

10.3. Possibility of hazardous reactions

Possibility of hazardous At temperatures above 400 °C/750 °F in the presence of air an exothermic reaction can occur reactions with the liberation of Sulphur Dioxide (SO₂) gas.

Contact with acids liberates Hydrogen Sulphide (H₂S) gas The risk from contact with acids is greatly reduced when using an acid resistant grade

10.4. Conditions to avoid

Conditions to avoid: There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid: Acids.

10.6. Hazardous decomposition products

Hazardous decomposition Hydrogen sulphide (H₂S). Will decompose at temperatures exceeding 400 °C/750 °F. Heating products may generate the following products: Sulphur dioxide.

11. INFORMATION ON TOXICOLOGICAL EFFECTS

Toxicological effects:	No data recorded
Skin corrosion / irritation:	Not irritating
General information:	No specific health hazards known.

12. ECOTOXICITY

The product components are not classified as environmentally hazardous.

12.1. Toxicity

Acute aquatic toxicity:	Not considered toxic to fish.
Acute toxicity – fish:	LC50, 96 hours: >32000 mg/l
Acute toxicity – aquatic invertebrates:	EC50, 24 hours: >90 %, Daphnia magna

12.2. Persistence and degradability

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Persistence and degradability: The product is not readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

12.4. Mobility in soil

Mobility: The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB: This product does not contain any substances classified as PBT or vPvB. assessment

12.6. Other adverse effects

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

General information: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods: Reuse or recycle products wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses.

14. TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

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14.4. packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations: The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019. UK Statutory Instrument 2019 No. 720 The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019. UK Statutory Instruments 2019 No. 758

EU legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No 453/2010 of 20 May 2010.

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Authorizations (Annex XIV Regulation 1907/2006): No specific authorizations are known for this product.

Restrictions (Annex XVII Regulation 1907/2006): No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

Not required as non-hazardous material

Inventories

EU - EINECS/ELINCS - All the ingredients are listed or exempt.