

BLUE WATER®
MARINE PAINT
SAFETY DATA SHEET

1. Product and Company Identification

Material name Armada Marine Varnish
Revision date 10-07-2019
Revision Code 01
Product code 021 (Satin), 022(Gloss)
Product use Marine Varnish Finish
Manufacturer/Supplier Blue Water Marine Paint
14805 49th Street North
Clearwater, FL 33762
USA Only: 1-800-528-0997
International: 727-523-8053

Emergency

CHEMTREC day or night inside USA & Canada
1-800-424-9300
CHEMTREC day or night inside outside USA & Canada
1-703-741-5970

2. Hazards Identification

2.1. Classification of the substance or mixture

GHS-US classification

| | |
|--------------------------|-------------|
| <u>Flam. Liq. 2</u> | <u>H225</u> |
| <u>Skin Sens. 1</u> | <u>H317</u> |
| <u>Muta. 1B</u> | <u>H340</u> |
| <u>Carc. 1B</u> | <u>H350</u> |
| <u>Repr. 2</u> | <u>H361</u> |
| <u>STOT SE 3</u> | <u>H336</u> |
| <u>STOT SE 3</u> | <u>H335</u> |
| <u>STOT RE 1</u> | <u>H372</u> |
| <u>Asp. Tox. 1</u> | <u>H304</u> |
| <u>Aquatic Acute 3</u> | <u>H402</u> |
| <u>Aquatic Chronic 2</u> | <u>H411</u> |

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: **Danger**

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H317 - May cause an allergic skin reaction
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer

H361 - Suspected of damaging fertility or the unborn child
H372 - Causes damage to organs through prolonged or repeated exposure
H402 - Harmful to aquatic life
H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (GHS-US) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe dust, fume, gas, mist, spray, vapours
P261 - Avoid breathing dust, fume, gas, mist, spray, vapours
P264 - Wash hands, forearms and face thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing must not be allowed out of the workplace
P273 - Avoid release to the environment
P280 - Wear eye protection, protective gloves, protective clothing
P301+P310 - IF SWALLOWED: Immediately call a doctor, a poison center
P302+P352 - If on skin: Wash with plenty of soap and water
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P308+P313 - If exposed or concerned: Get medical advice/attention
P312 - Call a doctor, a poison center if you feel unwell
P314 - Get medical advice/attention if you feel unwell
P321 - Specific treatment (see first aid instructions on this label)
P331 - Do NOT induce vomiting
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse
P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, alcohol resistant foam, sand to extinguish
P391 - Collect spillage
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P403+P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

No data available

3. Composition / Information on Ingredients

| Components | CAS Number | Concentration |
|---------------------------------|-------------|---------------|
| Tung and Linseed Phenolic Resin | Proprietary | <50.0% |
| Mineral Spirits | 64742-88-7 | <20.00% |
| Ultra-Violet Light Absorber | Proprietary | <2.0% |

4. First Aid Measures

Eye contact

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. In case of irritation from airborne exposure, move to fresh air. Get medical attention if symptoms persist.

| | |
|---------------------|---|
| Skin contact | Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention if irritation persists. Wash contaminated clothing before reuse. Destroy or thoroughly clean contaminated shoes. |
| Inhalation | Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor immediately for further treatment advice. For additional information in case of emergency call toll free CHEMTREC 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor for treatment. |
| Ingestion | DO NOT INDUCE VOMITING UNLESS TO DO SO BY MEDICAL PERSONEL. Call a poison control center or doctor immediately for treatment advice. NEVER give anything by mouth to an unconscious person. |

5. Fire Fighting Measures

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|---|--|
| Flammable properties | Flammable, Category 3, Flash Point over 100 °F. |
| Extinguishing media | Suitable extinguishing media - Water, water fog, foam, dry chemical, carbon dioxide |
| Firefighting equipment/instructions. | - Self-contained breathing apparatus and full protective clothing |
| Hazardous combustion products | - Carbon oxides. |

6. Accidental Release Measures

| | |
|----------------------------------|---|
| Personal precautions | Ensure adequate ventilation. Wear suitable protective clothing. See Section 8 of the MSDS for Personal Protective Equipment. |
| Environmental precautions | Collect using non-sparking equipment and dispose of spillage in accordance with state and local regulations. |
| Methods for containment | Dike the spilled material, where this is possible. Prevent entry into waterways, sewer, basements or confined areas. |
| Methods for cleaning up | Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Never return spills to original containers for re-use. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination. |
| Other information | Clean up in accordance with all applicable regulations. |

7. Handling and Storage

| | |
|-----------------|--|
| Handling | Avoid breathing mists or vapors. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Observe good industrial hygiene practices. |
| Storage | Keep container tightly closed and in a well-ventilated place. Store in closed original container at room temperature. Store away from incompatible materials. |

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components

| Type | Value |
|--------------------------------|---------|
| Aliphatic Naphtha (64475-85-0) | |
| STEL | 100 ppm |

| | |
|-------------------------------|---------------|
| TWA | 100 ppm |
| Aromatic Naphtha (64742-94-5) | |
| STEL | 150 ppm |
| TWA | 100 ppm |
| Titanium Dioxide (13463-67-7) | |
| STEL | Not Available |
| TWA | 10 mg/M3 |
| Calcium Carbonate (1317-65-3) | |
| STEL | Not Available |
| TWA | 10 mg/m3 |

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components

Type

Value

| | | |
|-------------------|-----|----------|
| Aliphatic Naphtha | PEL | 100ppm |
| Aromatic Naphtha | PEL | 25 ppm |
| Titanium Dioxide | PEL | 15 mg/M3 |
| Calcium Carbonate | PEL | 10 mg/m3 |

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye / face protection

Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.

Skin protection

Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.

Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical & Chemical Properties

| | |
|-----------------------|----------------|
| Appearance | Liquid. |
| Color | Amber |
| Odor | Pleasant. |
| Odor threshold | Not available. |
| Physical state | Liquid. |

| | |
|---|---------------------------|
| Form | Liquid. |
| pH | Not Applicable |
| Melting point | Not Applicable. |
| Freezing point | Not Applicable. |
| Boiling point | 235 °F |
| Flash point | 100°F (37.8°C) All Colors |
| Evaporation rate | Faster than water. |
| Flammability limits in air, upper, % by volume | |
| Flammability limits in air, lower, % by volume | 1.1 % by volume |
| Vapor Pressure | Unknown |
| Vapor density | Heavier than air |
| Specific gravity | 1.30-1.36. |
| Solubility (water) | Not Soluble. |
| Partition coefficient (n-octanol/water) | No data available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |

10. Chemical Stability & Reactivity Information

| | |
|---|---|
| Chemical stability | Material is stable under normal conditions. |
| Conditions to avoid | Contact with flames and high heat. |
| Incompatible materials | Water, strong acids and alkalis. |
| Hazardous decomposition products | Carbon Oxides |
| Possibility of hazardous reactions | - Hazardous decomposition will not occur |

11. Toxicological Information

| | |
|---|--|
| Toxicological data | Not Available |
| Acute effects | Causes skin and eye irritation. Mist or vapor irritating to eyes and respiratory and digestive tracts. |
| Local effects | |
| US ACGIH Threshold Limit Values: | Skin designation - Can be absorbed through skin. |
| Sensitization | This material has a low potential to cause allergic skin reactions. |
| Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |

12. Ecological Information

Ecotoxicological data

No data available

Ecotoxicity - Not harmful to aquatic organisms.

Persistence and degradability - Unknown

Bioaccumulation / Accumulation - Unknown

Partition coefficient (n-octanol/water) - Unknown

Mobility in environmental media - No ecotoxicity known or available

13. Disposal Considerations

| | |
|------------------------------|---|
| Disposal instructions | Dispose of contents/container in accordance with local/regional/national/international regulations. |
|------------------------------|---|

Contaminated packaging

Since emptied containers may retain product residue, follow label warnings and disposal procedures.

14. Transport Information

UN Number - UN1263

UN Proper Shipping Name - PAINT

**Transport Hazard Classes **

DOT (Domestic Surface Transportation - Proper Shipping Name - PAINT

Product can be shipped ORM-D Consumer Commodity

DOT Hazard Class - 3

UN/NA Number - UN1263

UN Packing Group - III

IMO/IMDG (Ocean Transportation)

IMDG Shipping Name - PAINT

IMDG Hazard Class - 3, Sub Class - 3

IMDG Packing Group - III, System Reference Code - 1

Environmental Hazards

IMDG - Marine Pollutant - No

Special Precautions for User - Not Regulated

Transport in bulk according to Annex II of MARPOL 7378 and the IBC Code

Not Applicable

15. Regulatory Information

US federal regulations

This product is hazardous according to OSHA 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List

Drug Enforcement Administration (DEA) (21 CFR 1308.11-15) - Not controlled

State regulations

This product does contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS® ratings

Health: 1
Flammability 2
Physical hazard: 1

NFPA ratings

Health: 1
Flammability: 2
Instability: 1

Disclaimer

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Blue Water Marine assumes no responsibility for injury to the vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, Blue Water Marine assumes no responsibility for injury to vendor or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Issue date

10-17-2019