

BLUE WATER®
MARINE PAINT
SAFETY DATA SHEET

1. Product and Company Identification

Material name	Barriershield Primer
Version #	02
Revision date	10-11-2019
Product code	8006
Product use	Marine Coating Primer
Manufacturer/Supplier	Blue Water Marine Paint. 14805 49 th 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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flam. Liq. 3 H226
Eye Irrit. 2 H320
Skin irrit. 3 H315
Acute Tox. Oral 3 H302

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US): **Warning**

Hazard statements (GHS-US):

H226 - Flammable liquid and vapour
H302 - Harmful if swallowed
H315 - May cause skin Irritation
H320 - Causes eye irritation

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 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
 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
 P301+P312 - If swallowed: Call a doctor, a poison center if you feel unwell
 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
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P307+P311 - If exposed: Call a poison center/doctor
 P308+P313 - If exposed or concerned: Get medical advice/attention
 P314 - Get medical advice/attention if you feel unwell
 P321 - Specific treatment (see first aid instructions on this label)
 P330 - Rinse mouth
 P331 - Do NOT induce vomiting
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
 P337+P313 - If eye irritation persists: Get medical advice/attention
 P362+P364 - Take off contaminated clothing and wash it before reuse
 P370+P378 - In case of fire: Use alcohol resistant foam, sand, carbon dioxide (CO2) to extinguish
 P391 - Collect spillage
 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

3. Composition / Information on Ingredients

Components	CAS	Percent
Xylene	1330-20-7	<16.0%
Magnesium Silicate	14807-96-6	<11.0%
High Flash Naphtha	64742-94-6	<16.0%
Aluminum Flake	7429-90-5	<7.0%

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

Flammable properties Flammable, Category 3 Flash Point 77-83 °F.

Extinguishing media

Suitable extinguishing media - Class B Extinguisher or Class D with low velocity nozzle, foam, dry chemical, carbon dioxide, DO NOT USE WATER STREAM OR ANY HALOGENATED AGENTS

Firefighting equipment/instructions. - Self-contained breathing apparatus and full protective clothing

Hazardous combustion products - Carbon, Aluminum and Silicon 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	<p>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.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece).</p> <p>Never return spills to original containers for re-use. Following product recovery, flush area with water. Clean surface thoroughly to remove residual contamination.</p>
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 in a well-ventilated place. Store in original container at room temperature. Store away from flames and heat. Do not allow to freeze

8. Exposure Controls / Personal Protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Xylene (1330-20-7)	STEL	150 ppm
	TWA	100 ppm
High Flash Naphtha	STEL	35 ppm
	TWA	Not Available
Magnesium Silicate	STEL	Not Available
	TWA	Not Available
Aluminum Flake (7429-90-5)	STEL	Not Available
	TWA	10 mg/M3

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

Components	Type	Value
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Xylene	PEL	100 ppm
High Flash Naphtha	PEL	Not Established
Magnesium Silicate	PEL	10 mg/M3
Aluminum Flake	PEL	15 mg/M3

Engineering controls	Ensure adequate ventilation. DO NOT USE 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	Metallic Blue Gray
Odor	Pleasant.
Odor threshold	Not available.
Physical state	Liquid.
Form	Liquid.
pH	Not Applicable
Melting point	Not Applicable.
Freezing point	Not Applicable.
Boiling point	244 °F
Flash point	77-83 °F.
Evaporation rate	Faster than water.
Flammability limits in air, upper, % by volume	
Flammability limits in air, lower, % by volume	0.9 % by volume
Vapor Pressure	Unknown
Vapor density	Heavier than air
Specific gravity	Below 1.2
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. Halogenated hydrocarbons and oxidizers

Hazardous decomposition products - Aluminum, Silicon and Carbon Oxides

Possibility of hazardous reactions - Hazardous decomposition will not occur

11. Toxicological Information

Toxicological data

Components	Test	Results
Xylene	Acute Dermal	LD50 1240 mg/Kg
	Acute Oral	LD50 5000 mg/Kg
High Flash Naphtha	Acute Dermal	LD50 3160 mg.Kg
	Acute Oral	LD50 3000 mg.Kg
Magnesium Silicate	Acute Oral	LD50 10,000 mg/Kg
Aluminum Flake	Acute 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 - Not expected to be harmful to aquatic organisms

Ecotoxicity - Not expected to be 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 container in accordance with all 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

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 not contain any chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

HMIS® ratings Health: 1
Flammability 3
Physical hazard: 1

NFPA ratings Health: 1
Flammability: 3
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 vendee 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 10-11-2019