Safety Data Sheet
Wetsuit® PrimeMate
Waterbased
17-PMW-5

Date of issue: Revision date: 05/11/2017 Supersedes: V1.10 Version: 200

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

1.1. Product identifier

Product form : Liquid mixture
Product name : Wetsuit® PrimeMate Waterbased
Product Code : 17-PMW-5
Type of product : Primer for Wetsuit® system

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Industrial use / Professional use
Industrial/Professional use spec : Wide dispersive use
Use of the substance/mixture : Primer

1.2.2. Uses advised against
No additional information available

1.3. Details of the supplier of the safety data sheet

Neptune Coatings Inc
4260 Wagon Trail Avenue
Las Vegas, NV 89118 USA
T +1 (702) 410 5500 – F +1 (702) 410 5889
info@neptunecoatings.com

Informations : +1 702 751 0460 & Neptune Coatings working days +1 702 410 5500 9 AM to 5PM

1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Country</th>
<th>Official advisory body</th>
<th>Address</th>
<th>Emergency number</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>Neptune Coatings Emergency number (English Speaking)</td>
<td>Las Vegas NV</td>
<td>+1 702 605 3881</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Neptune Coatings Emergency number (English Speaking)</td>
<td>London</td>
<td>+44 203239 7225</td>
</tr>
<tr>
<td>United States</td>
<td>National Capital Poison Center</td>
<td>51 Little France Crescent EH16 4SA Edinburgh</td>
<td>+1 800 222 1222</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>NPIS Edinburgh (Scottish Poisons Information Bureau) Royal Infirmary of Edinburgh</td>
<td></td>
<td>0844 892 0111</td>
</tr>
<tr>
<td>United Kingdom</td>
<td>Guy’s &amp; St Thomas’ Poisons Unit Medical Toxicology Unit, Guy’s &amp; St Thomas’ Hospital Trust</td>
<td>Avonley Road SE14 5ER London</td>
<td>0870 243 2241</td>
</tr>
<tr>
<td>Belgique</td>
<td>Centre Anti-Poisons/Antigifcentrum c/o Hôpital Central de la Base - Reine Astrid</td>
<td>Rue Bruyn 1 1120 Bruxelles/Brussel</td>
<td>+32 70 245 245</td>
</tr>
<tr>
<td>France</td>
<td>Centre Antipoison Hôpital Edouard Herriot</td>
<td>6 Place d’Arsonval F-69437 Lyon Cedex 03</td>
<td>+33 4 72 11 69 11</td>
</tr>
<tr>
<td>Nederland</td>
<td>Nationaal Vergiftigingen Informatie Centrum</td>
<td>Huispostnummer B.00.118 PO Box 85500 3508 GA Utrecht</td>
<td>+31 30 274 88 88</td>
</tr>
</tbody>
</table>

Neptune Coatings Corporation.
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4260 Wagon Trail Avenue • Las Vegas • NV 89118 • USA
version 3.1

www.neptunecoatings.com
SECTION 2: Hazards Identification

2.1. Classification of the substance or mixture


Acute toxicity, inhalation Category 4 H332
Skin corrosion Category 1B H314
Serious eye damage / Eye irritation Category 1 H318
Specific target organ toxicity (single exposure - resp. tract) Category 3 H335
Hazardous to the aquatic environment, chronic hazard Category 2 H411
Hazardous to the aquatic environment, acute hazard Category 1 H400

Full text of classification categories and H statement: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display: Extra classification(s) to display

Hazard pictograms (CLP): 

Signal word (CLP): Danger

Hazardous ingredients: Zinc Sulfate

Hazard statements (CLP):
- H314: Cause severe skin burns and eye damage
- H318: Cause serious eye damage
- H332: Harmful if inhaled
- H335: May cause respiratory irritation
- H400: Very toxic to aquatic life
- H411: Toxic to aquatic life with long lasting effect

Precautionary statements (CLP):
- P261 Avoid breathing dust/fume/gas/mist/vapor/spray
- P264 Wash hands thoroughly after handling
- P271 Use only outdoors or in a well-ventilated area
- P273 Avoid release to the environment
- P280 Wear protective gloves/protective workwear/eye protection/ face protection
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P391 Collect spillage. Hazardous to the aquatic environment
- P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up
- P501 Dispose of contents/container in accordance with local regulations

2.3. Other hazards

No additional information available
### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acrylic polymers</td>
<td></td>
<td>&gt;=45.0%</td>
<td>Not classified</td>
</tr>
<tr>
<td>Residual monomers</td>
<td></td>
<td>&lt; 0.05%</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aqua Ammonia</td>
<td>CAS 1336-21-6</td>
<td>0.1 - 1%</td>
<td>Acc. toxicity 4&lt;br&gt;Skin corrosion 1B&lt;br&gt;Serious eye damage 1&lt;br&gt;Spec. target org. tox. SE 3&lt;br&gt;Haz. to Aqu. Env. Chronic 2&lt;br&gt;Haz. to Aqu. Env. Accute 1</td>
</tr>
<tr>
<td>Water</td>
<td>CAS 7732-18-5</td>
<td>&gt;= 54%</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

#### 3.2. Mixture

No information available

Full text of H-phrases: see section 16
SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation: Remove the victim into fresh air. Consult a doctor/medical service if you feel unwell.

First-aid measures after skin contact: Wash immediately with lots of water. Wash with water and soap. get medical attention if irritation develops or persists.

First-aid measures after eye contact: Rinse immediately with plenty of water for 15 minutes. Keep eye wide open while rinsing. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Immediately consult a doctor/medical service.

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

Symptoms/injuries after inhalation: Irritation. May cause irritation to the respiratory system

Symptoms/injuries after skin contact: Rednesses. May cause moderate irritation.

Symptoms/injuries after eye contact: Irritation of the eye tissue. Mechanical irritation. May cause severe irritation. Visual disturbances.

Symptoms/injuries after ingestion: No data available

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

No additional information available
SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use any means of extinction appropriate for the surrounding fire conditions such as water spray, carbon dioxide, dry chemical, or foam.

Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

Fire hazard: Material can splatter above 100°C/212°F. Dried product can burn

Explosion hazard: None

Hazardous decomposition products in case of fire: By Thermal Decomposition: carbon monoxide, carbon dioxide, Acrylic monomers, other potentially toxic fumes

5.3. Advice for firefighters

Precautionary measures fire: Exposure to fire/heat: keep upwind.

Protection during firefighting: Self-contained breathing apparatus.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures


6.1.1. For non-emergency personnel

Protective equipment: Gloves. Safety glasses. Wear appropriate personal protective equipment during cleanup.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

6.2. Environmental precautions

Avoid release to the environment. This product can pose a threat to the environment. Contamination of soil and water should be prevented. Keep spillage and runoff from storage areas from entering soil, streams or sewers.

6.3. Methods and material for containment and cleaning up

For containment: Dam up the liquid spill. Do not touch or walk through spilled material. 
Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. 
Large Spills: Dam ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas. Surfaces may become slippery after spillage.

Methods for cleaning up: Take up liquid spill into inert absorbent material. Scoop absorbed substance into closing containers.

6.4. Reference to other sections

No additional information available
### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

<table>
<thead>
<tr>
<th>Additional hazards when processed</th>
<th>None under normal use.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautions for safe handling</td>
<td>Avoid breathing dust, vapor, or mist. Avoid contact with skin, eye and clothing. As with all chemicals, good industrial hygiene practices should be followed when handling this material. No special measures necessary provided product is used correctly</td>
</tr>
<tr>
<td>Hygiene measures</td>
<td>Do not eat, drink or smoke when using this product.</td>
</tr>
</tbody>
</table>

#### 7.2. Conditions for safe storage, including any incompatibilities

| Storage conditions                | Keep in a ventilated place. Protect against frost. Keep the container tightly closed. Avoid excessive heat. |
| Incompatible products             | No information available |
| Storage temperature               | 10 - 35°C / 50 - 95°F |

#### 7.3. Specific end use(s)

No additional information available

Monomer vapers can be evolved when material is heated during processing operations
SECTION 8: Exposure controls/personal protection

8.1. Control parameters
No additional information available

- Personal protective equipment: Gloves. Safety glasses.
- Hand protection: Gloves. NBR (Nitrile rubber).
- Eye protection: Safety glasses
- Respiratory protection: Under normal conditions, respirator is not normally required. If vapors are present or irritation is experienced, NIOSH approved respiratory protection for organic vapors should be worn. Provide for sufficient ventilation and punctiform suction at critical points. When spraying: Gas mask with filter type A

8.2. Exposure controls

ACGIH, OSHA, and NIOSH have not developed exposure limits for any components of this product.

<table>
<thead>
<tr>
<th>Component</th>
<th>Location</th>
<th>Agency</th>
<th>Limit type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aqua Ammonia (1336-21-6)</td>
<td>USA OSHA</td>
<td>OSHA TWA (mg/m³)</td>
<td>35 mg/m³ 50 ppm</td>
</tr>
<tr>
<td></td>
<td>USA ACGIH</td>
<td>ACGIH TWA (mg/m³)</td>
<td>25 ppm, Ammonia</td>
</tr>
<tr>
<td></td>
<td>USA ACGIH</td>
<td>ACGIH STEL (mg/m³)</td>
<td>35 ppm, Ammonia</td>
</tr>
</tbody>
</table>

**Industrial Hygiene/Ventilation Measures**
General dilution and local exhaust as necessary with a minimum capture velocity of 100ft/min at the point of vapor evolution to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

**Respiratory Protection**
In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand Protection**
Permeation resistant gloves.

**Eye Protection**
Safety glasses with side-shields.

**Skin Protection**
Wear cloth work clothing including long pants and long-sleeved shirts.

**Additional Protective Measures**
Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available.
### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>No data available</td>
</tr>
<tr>
<td>Colour</td>
<td>Various</td>
</tr>
<tr>
<td>Odour</td>
<td>Ammonia</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>7.5 - 8.5</td>
</tr>
<tr>
<td>pH solution</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>&lt;1.00 similar to water</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>100ºC (212ºF) similar to water</td>
</tr>
<tr>
<td>Flash point</td>
<td>Non combustible</td>
</tr>
<tr>
<td>Self ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>17.0 mmHg @20ºc (68ºF) similar to water</td>
</tr>
<tr>
<td>Relative vapour density at 20 ºC</td>
<td>&lt;1.00 similar to water</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Density</td>
<td>1.00 - 1.20</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>50-550 mPa.s</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Percent volatility</td>
<td>54.0-55.0% similar to water</td>
</tr>
</tbody>
</table>

#### 9.2. Other information

No additional information available
SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known under normal conditions of use. Product will not undergo polymerization.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
None under normal use.

10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
Thermal decomposition may yield acrylic monomers.
### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicity Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity</strong></td>
<td></td>
</tr>
<tr>
<td>Acute oral toxicity</td>
<td>LD50, Rat, &gt; 5,000 mg/kg</td>
</tr>
<tr>
<td><strong>Acute dermal toxicity</strong></td>
<td></td>
</tr>
<tr>
<td>LD50, Rabbit, &gt; 5,000 mg/kg</td>
<td></td>
</tr>
<tr>
<td><strong>Acute inhalation toxicity</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td></td>
</tr>
<tr>
<td>May cause transient irritation</td>
<td></td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td></td>
</tr>
<tr>
<td>No eye irritation</td>
<td></td>
</tr>
<tr>
<td><strong>Sensitization</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Target Organ Systemic Toxicity (Single Exposure)</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Specific Target Organ Systemic Toxicity (Repeated Exposure)</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Teratogenicity</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Mutagenicity</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
<tr>
<td><strong>Aspiration Hazard</strong></td>
<td></td>
</tr>
<tr>
<td>Product test data not available</td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity Data for Acrylic polymer(s) Acute Inhalation Toxicity**

The LC50 has not been determined.

**Toxicity Data for Residual monomers- Acute Inhalation Toxicity**

The LC50 has not been determined.

**Toxicity Data for Aqua Ammonia Acute Inhalation Toxicity**

LC50, Rat, male, 1 Hour, dust/mist, 9.850 mg/l

**Sensitization**

For skin sensitization: No relevant data found.

**Specific Target Organ Systemic Toxicity (Repeated Exposure)**

Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.

**Carcinogenicity**

Did not cause cancer in laboratory animals.

**Teratogenicity**

Available data are inadequate for evaluation of potential to cause fetotoxicity.

**Reproductive toxicity**

Available data are inadequate to determine effects on reproduction.

**Mutagenicity**

In vitro genetic toxicity studies were negative.

**Aspiration Hazard**

Based on physical properties, not likely to be an aspiration hazard.

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.
SECTION 12: Ecological information

No data available for this material. The information shown is based on profiles of compositionally similar materials.

Toxicity

Acute toxicity to fish
LC₅₀, Oncorhynchus mykiss (rainbow trout), 96 Hour, >CUST-RH0000000000599, OECD Test Guideline 203 or Equivalent

Acute toxicity to algae/aquatic plants
EC₅₀, Algae (Selenastrum capricornutum), 72 Hour, >100 ppm

Toxicity to bacteria
Microtox, 15 Minute EC₅₀: >300 ppm

Persistence and degradability

Acrylic polymer(s)
Biodegradability: No relevant data found.

Residual monomers
Biodegradability: No relevant data found.

Aqua ammonia
Biodegradability: Material is expected to be readily biodegradable. Biodegradation may occur under aerobic conditions (in the presence of oxygen).

Theoretical Oxygen Demand: 3.76 mg/mg Estimated.

Bioaccumulative potential
Biocaccumulation: no data available

Mobility in soil
Residual monomers
No relevant data found.
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Containers precautions : Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning.

Sewage disposal recommendations : Avoid any discharge of the product into waste water. Do not discharge into drains, surface waters or ground waters. Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.
SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA
DOT Proper shipping name  This product is not regulated by DOT, IMO or IATA.

Classification for SEA transport (IMO-IMDG):
Transport in bulk
according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code
Not regulated for transport
Not regulated for transport
Consult IMO regulations before transporting ocean bulk

Classification for AIR transport (IATA/ICAO):
Not regulated for transport
This information is not intended to convey all specific regulatory or operational requirements/information relating to this product.
Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.
SECTION 15: Regulatory information

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

OSHA Hazard Communication Standard
This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312
This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313
This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

Pennsylvania
Any material listed as “Not Hazardous” in the CAS REG NO column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

United States TSCA Inventory (TSCA)
All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out for the substance or the mixture by the supplier
SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer’s own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee’s employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.