

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

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

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] Mixture/Substance: SDS EU 2015: According to Annex II of Regulation (EC) No. 453/2010 (REACH Annex II)

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 clothes/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

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SECTION 3: Composition/information on ingredients

3.1. Substance

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acrylic polymers		> =45.0% <= 46.0%	Not classified
Residual monomers		< 0.05%	Not classified
Aqua Ammonia	CAS 1336-21-6	0.1 - 1%	Acc. toxicity 4 Skin corrosion 1B Serious eye damage 1 Spec. target org. tox. SE 3 Haz. to Aqu. Env. Chronic 2 Haz. to Aqu. Env. Accute 1
Water	CAS 7732-18-5	>= 54% <=55%	Not classified

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

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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

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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.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Ventilate enclosed areas. Ventilate closed spaces before entering.

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

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : None under normal use.
- Precautions for safe handling : 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
- Hygiene measures : Do no eat, drink or smoke when using this product.

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
- Packaging materials : Stainless steel. Glass. Plastics.

7.3. Specific end use(s)

- No additional information available
- Monomer vapors can be evolved when material is heated during processing operations

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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.

Component	Location	Agency	Limit type
Aqua Ammonia (1336-21-6)	USA OSHA	OSHA TWA (mg/m ³)	35 mg/m ³ 50 ppm
	USA ACGIH	ACGIH TWA (mg/m ³)	25 ppm, Ammonia
	USA ACGIH	ACGIH STEL (mg/m ³)	35 ppm, Ammonia

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.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

9.2. Other information

No additional information available

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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.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	
Acute oral toxicity	
LD50, Rat,	> 5,000 mg/kg
Acute dermal toxicity	
LD50, Rabbit,	> 5,000 mg/kg
Acute inhalation toxicity	Product test data not available
Skin corrosion/irritation	May cause transient irritation
Serious eye damage/eye irritation	No eye irritation
Sensitization	Product test data not available
Specific Target Organ Systemic Toxicity (Single Exposure)	Product test data not available
Specific Target Organ Systemic Toxicity (Repeated Exposure)	Product test data not available
Carcinogenicity	Product test data not available.
Teratogenicity	Product test data not available.
Reproductive toxicity	Product test data not available.
Mutagenicity	Product test data not available.
Aspiration Hazard	Product test data not available.
Additional information	No data are available for this material. The information shown is based on profiles of compositionally similar materials.
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. For respiratory 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. Animal 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.	

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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-RH000000000599, 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

Biodegradability: no data available

Mobility in soil

Residual monomers

No relevant data found.

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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.

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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/CAO):

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.

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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

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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

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