

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

1.1. Product identifier

Trade name: HydrophobNeo-S-concentrate Water Repellent Agent

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

Use of the substance/mixture: Protection of all types of silicate building materials from moisture penetration.
Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

LLC "Nautchno-proizvodstvennaya firma "NEO+"
ul. Marshala Zaharova 9, 49
198328, Saint Petersburg, Russian Federation
Phone, Fax-no.: 7-812-331-08-38
E-mail: info@hydrophobneo.com

1.4. Emergency telephone number

Phone: +420-224-919-293

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS classification

Not a hazardous substance or mixture.

2.2. Label elements

GHS labelling

No labeling according to GHS required.

Precautionary statements (GHS):

P102 - Keep out of reach of children
P103 – Read label before use
P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking

2.3. Other hazards

May generate flammable hydrogen gas. Avoid contact with water, alcohols, acidic, basic, or oxidizing materials.

2.4. Unknown acute toxicity (GHS)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS classification
Organopolysiloxane	Proprietary*)	94	Not a hazardous substance
Organosilicate	Proprietary*)	6	Flam. Liq. 3 H226 Eye Irrit. 2 H319 STOT SE 3 H335

*) If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation:	Move person to fresh air in case of inhalation. Consult a physician if necessary.
First-aid measures after skin contact:	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact:	Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if necessary.
First-aid measures after ingestion:	Rinse mouth. Do NOT induce vomiting. No emergency medical treatment necessary.

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

Symptoms/injuries:	The most important known symptoms and effects are described in section 11.
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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:	Alcohol-resistant foam. Carbon dioxide. Water spray. Dry sand.
Unsuitable extinguishing media:	Dry chemical. Do not use direct water stream.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: carbon monoxide, carbon dioxide, silicon oxides.

5.3. Advice for firefighters

Firefighting instructions:	Use water spray for cooling exposed containers. Exercise caution when fighting any chemical fire. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Do not allow extinguishing medium to contact container contents. Under certain conditions this material may generate flammable hydrogen gas.
Protective equipment for firefighters:	As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Follow safe handling advice and personal protective equipment recommendations. If material is released, there will be risk of slipping. Do not walk through spilled material.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb into inert absorbent material and place in sealed container for disposal.

6.4. Reference to other sections

See Section 12: Ecological Information.

See Section 13: Disposal considerations.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Technical measures :

Protect from moisture. Take care to prevent spills. Provide adequate ventilation. Open and handle container with care. Keep container closed when not in use. Product can release hydrogen. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

Advice on safe handling and usage :

Provide adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid inhalation, ingestion and contact with skin and eyes. Use approved respirator if air contamination is above acceptable level. Do not use contact lenses. Wash hands before work breaks and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction.

Store in original tightly closed polyethylene containers at temperature below 30 C.

Keep away from heat, sparks and open flame. Store away from oxidising agents, bases and acids.

Do not store together with food or other consumables.

Do not lay the container on its side. Do not pierce or cut container. Not conduct welding on top or near the container. No smoking.

7.3. Specific end uses

No additional information available

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Not applicable

8.2 Exposure controls

Appropriate engineering controls:

Ensure adequate ventilation. Mechanical ventilation is recommended. Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Protective clothing. Protective goggles



Hand protection:

Wear protective gloves: plastic or rubber, chemical resistant.

Eye protection :

Wear chemical splash goggle.

Skin and body protection:

Wear suitable protective clothing.

Respiratory protection:

Wear appropriate mask.

Environmental exposure controls:

Avoid discharge to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Transparent colourless liquid
Colour	Colourless
Odour	Faint
Odour threshold	No data available
pH	Neutral
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Self ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative vapour density at 20 °C	No data available
Relative density	No data available
Density at 20 °C	0,98-1,02 g/cm ³ (8.18 - 8.51 lb/gal)
Solubility	Water: Virtually insoluble
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Exposure to moisture. Extremely high temperatures, flames and sparks. Prevent the buildup of electrostatic charge.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Product may evolve flammable hydrogen gas on contact with incompatible substances. Small amounts of formaldehyde may be formed at elevated temperatures.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
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Organopolysiloxane

Typical for this family of materials:

LD50 dermal rabbit	> 5,000 mg/kg (Rabbit; Estimated)
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LC50 inhalation rat (mg/l)	The LC50 has not been determined
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SECTION 12: Ecological information

12.1. Toxicity

Organopolysiloxane

Acute toxicity to fish	No relevant data found
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12.2. Persistence and degradability

Organopolysiloxane

Biodegradability	No relevant data found
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12.3. Bioaccumulative potential

Organopolysiloxane

Bioaccumulation	No relevant data found
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12.4. Mobility in soil

No relevant data found

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations :	Dispose in a safe manner in accordance with local/national regulations.
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Ecology - waste materials :	Avoid release to the environment.
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SECTION 14: Transport information

In accordance with DOT:

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. US Federal regulations****TSCA inventory status and TSCA information:**

The components of this product are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12(b) Export Notification:

Not applicable

CERCLA Regulated Chemicals:

Not applicable

SARA 302 EHS Chemicals:

This product does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class:

This product does not present SARA 311/312 hazards. See section 2 for more information.

SARA 313 Chemicals:

This product does not contain any SARA 313 chemicals above de minimis levels.

15.2. International regulations**CANADA**

DSL (Domestic Substance List):

The components of this product are listed in, or comply with, the substance inventory.

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations**California Prop. 65:**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

Full text of abbreviations:

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); EHS - Extremely Hazardous Substance; GHS - Globally Harmonized System; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal



HydrophobNeo-S-concentrate Water Repellent Agent

Safety Data Sheet

Date of issue: 11/01/2018

Date of revision: 01/28/2020

Dose); SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TSCA - Toxic Substances Control Act (United States).

Issue Date: 11/01/2018

Revision Date: 01/28/2020

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.