HydrophobNeo-L Water Repellent Agent
Safety Data Sheet

Date of issue: 11/01/2016 Date of revision: 02/20/2020

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

1.1. Product identifier

Trade name:	HydrophobNeo-L 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

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 classified

EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC: Not classified

2.2. Label elements

GHS labelling

Hazard pictograms (GHS):	Not applicable
Signal word (GHS):	Not applicable
Hazard statements (GHS):	Not applicable
Precautionary statements (GHS):	P102 - Keep out of reach of children P103 – Read label before use P264 – Wash … thoroughly after handling P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 – If eye irritation persists: Get medical advice/attention. P332+P313 – If skin irritation occurs: Get medical advice/attention.

2.3. Other hazards

According to the test results, the mixture is not classified as hazardous.

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
Water	(CAS No) 7732-18-5	< 74	Not classified
Organopolysiloxane	Proprietary*)	10 - 15	Not classified
Impurities and additives	Proprietary*)	< 1	Skin Irrit. 2, H315 Eye Irrit. 2, H319
*) 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: Remove to fresh air. Allow the person to rest. Consult a physician if necessary.

First-aid measures after skin contact: Wash off immediately with plenty of water.

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. Obtain emergency medical attention. Never give anything by mouth to an unconscious person.

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

Symptoms/effects after skin contact: May cause mild skin irritation

Symptoms/effects after eye contact: May cause eye irritation.

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: Water. Foam. Dry powder. Carbon dioxide. Sand.

Unsuitable extinguishing media: Not determined.

5.2. Special hazards arising from the substance or mixture

Non-combustible. Non-flammable.

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO_2) can be released.

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

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

Avoid skin and eye contact. Use personal protective equipment as required. Ventilate well, stop flow of liquid if possible.

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

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

Storage conditions:	Keep container closed when not in use. Keep only in the original tightly closed container in a cool, dry, well ventilated place. Store away from oxidising agents and strong acids.
Incompatible materials:	Avoid contact with aluminium metal, zinc coating.

7.3. Specific end uses

No additional information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available

8.2 Exposure controls

Appropriate engineering controls:	Ensure adequate ventilation. Mechanical ventilation is recommended. 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	Colourless liquid
Colour	Colourless
Odour	Almost none
Odour threshold	No data available
pH	11,5 – 12,5
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	1,020 – 1,035 g/cm³ (8.512 - 8.637 lb/gal)
Solubility	Water: Completely soluble
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

Under recommended storage conditions stable for 3 years

10.3. Possibility of hazardous reactions

Under normal conditions of using, no hazardous reactions are known

10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

Avoid contact with aluminium metal, zinc coating.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products would not be produced. In the event of a fire, carbon monoxide (CO), carbon dioxide (CO_2) can be released.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified

HydrophobNeo-L Water Repellent Agent	
LD50 oral rat	> 5000 mg/kg

Skin corrosion/irritation	Causes mild skin irritation pH= 11,5 – 12,5
Serious eye damage/irritation	Causes eye irritation pH= 11,5 – 12,5
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (repeated exposure)	Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1. Toxicity

The product is not classified as environmentally hazardous.

12.2. Persistence and degradability

HydrophobNeo-L Water Repellent Agent	
Persistence and degradability	Not established

12.3. Bioaccumulative potential

HydrophobNeo-L Water Repellent Agent	
Bioaccumulative potential	Not established

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB Assessment

No additional information available

12.6. 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 lo-

	cal/national regulations.
Ecology - waste materials :	Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT

14.1. UN Identification Number

Not applicable

14.2. Proper Shipping Name

Not applicable

14.3. Transport hazard class(es) (DOT):

Not applicable

14.4. Packing group (DOT):

Not applicable

Hazard labels (DOT):	Not applicable

14.5. Environmental hazards

Not applicable
No additional information available

14.6. Special precautions for user

Transportation of Dangerous Goods	This product is not considered as dangerous goods
TDG Primary Hazard Classes:	Not applicable
Packing group:	Not applicable
Transport by sea	
Transport document description (IMDG):	This product is not considered as dangerous goods
Class (IMDG):	Not applicable
Packing group (IMDG):	Not applicable
Air transport	
Transport document description (IATA):	This product is not considered as dangerous goods
Class (IATA):	Not applicable
Packing group (IATA):	Not applicable

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, Health and Environmental Regulations Specific for the Substance or Mixture

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.
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

Does not contain substances subject to restrictions under Annex XVII.
Does not contain any substance on the candidate list for possible inclusion in REACH Annex XIV.
Does not contain REACH Annex XIV substances.
Does not contain substances subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of dangerous chemicals:
Substances are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117 / EEC.

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

Other information:	None
Full text of H-phrases:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
H 315	Causes skin irritation
H 319	Causes serious eye irritation

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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.