


**SECTION 1: IDENTIFICATION**

Product identifier used on the label	HYDROX FAST
Recommended use of the chemical and restrictions on use	HYDROX FAST is a revolutionary high-tech hydroreactive ceramic coating. It is activated through water, without the need for touch. It provides incredible protection of up to 10 months in the paint, leaving the touch smooth, significantly increasing the shine and protecting against the action of time. It can also be applied to glass to improve water repellency.
Manufactured by	EVC INDUSTRIAL LTDA
Address	Rua Luis Francisco Xavier n.º 520 Paupina - Fortaleza, CE
Telephone number	+55 0800 591 6496
Fax	Not available
Emergency phone number	+55 0800 591 6496
Email	sac@vonixx.com.br e info@vonixx.com
Web site	www.vonixx.com.br

SECTION 2: HAZARD(S) IDENTIFICATION**2.1 Classification of mixture**

Skin sensitization (Category 1)
Hazardous to the aquatic environment - Acute (Category 3)
Hazardous to the aquatic environment - Chronic (Category 3)

2.2 Appropriate labeling elements

Hazard pictograms	
Signal word	Caution
Hazard statements	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	Prevention P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. Emergency P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P321 Specific treatment (see supplementary specific first aid instructions on this label). P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. disposition P501 Dispose of the content and recipient in accordance with the At an approved on-site treatment facility, at an approved waste treatment



facility expenses.

2.3 Other hazards that do not result in classification

Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Hazardous Ingredients or Impurities

Common chemical name or technical name	CAS Registration Number	Concentration or range	This product is not hazardous as defined under OSHA 1900.1200
Industrial Secret 1	Not applicable	86% - 99%	
Octamethylcyclotetrasiloxane	556-67-2	0.63% - 0.77%	
Industrial Secret 2	Not applicable	0.2808% - 0.3432%	H302; H315; H318; H317; H400; H410
Isotridecanol, ethoxylated	9043-30-5	0.1485% - 0.1815%	
Ácido acético	64-19-7	0.1116% - 0.1364%	
Ethoxylated isotridecanol (2-5 OE)	69011-36-5	0.05814% - 0.07106%	
Industrial Secret 3	Not applicable	0.0009% - 0.0011%	

SECTION 4: FIRST-AID MEASURE

4.1 Description of first aid measures

Inhalation	Remove victim to fresh air.
Skin contact	Wash exposed skin with sufficient amount of water to remove material.
Eye contact	Wash with plenty of water. Consult an ophthalmologist.
Ingestion	Do not induce vomiting. Rinse victim's mouth with plenty of water. See a doctor.

4.2 Most important symptoms/effects, acute and delayed

May cause an allergic skin reaction with itching and acne.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Use water mist, alcohol resistant foam, carbon dioxide (CO₂) or dry chemical powder. Do not apply water jets directly.

5.2 Special hazards arising from the substance or mixture

Combustion of the chemical or its packaging can form irritating and toxic gases such as monoxide and carbon dioxide.

5.3 Special protective equipment and precautions for fire-fighters

Positive pressure self-contained breathing apparatus (SCBA) with full protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures

6.1.1 For personnel who are not part of the emergency services

Wear protective equipment. Isolate and flag the area. Do not smoke. Avoid contact with the product.

6.1.2 For emergency service personnel

Wear appropriate protective equipment. Keep unauthorized persons away.

6.2 Environmental precautions



Isolate the area. Prevent the spread of spilled material. Prevent spilled material from reaching waterways and sewers. Leaks should be reported to the manufacturer and / or environmental agencies.

6.3 Methods and materials for containment and cleaning up

Use natural dikes or barriers to contain product leakage. Absorb with inert absorbent material (sand, diatomite, vermiculite). If it is possible to seal the leak by using bungs, sealing tape or by inverting the hole / tear / dent up. Collect all material in suitable, properly labeled containers for later treatment and disposal. Waste must be disposed of in accordance with Local, State or Federal environmental legislation. For transshipment check an appropriate location and perform the safety procedures described above.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in a well-ventilated area or general local exhaust / ventilation system. Avoid formation of vapors and mists. Avoid contact with incompatible materials. Adopt personal protective measures. Observe the expiration date. Do not reuse the empty package. Do not wash containers in lakes, fountains, rivers and other bodies of water. Do not eat, drink or smoke while handling the product. Wash after handling, especially before meals. After work, remove protective clothing and bathe.

7.2 Conditions for safe storage, including any incompatibilities

Store in covered, dry and well-ventilated area. Protect packaging from physical damage. Keep container tightly closed when not in use. Keep away from incompatible materials, odorous or toxic substances.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Appropriate engineering controls

Provide local exhaust or general ventilation in the work area to minimize vapor concentration. Eye wash supplies and emergency safety showers should be available in the immediate vicinity of any potential exposure.

Glacial Acetic Acid PA (64-19-7)						
ACGIH	TWA: Not available (mg/m ³)	TWA: 10 ppm	STEL: Not available (mg/m ³)	STEL: 15 ppm	(C): Not available (mg/m ³)	(C): Not available (ppm)

8.2 Exposure controls

Biological Limit (s)

Not available

8.3 Personal protective equipment

Eye/face protection

Eye protection (wide vision safety glasses).

Skin and body protection

Apron. Safety shoes. Gloves.

Respiratory protection

Respiratory protection mask.

Thermal hazards

There are no thermal hazards related to this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Liquid fluid-solution, BLUE.

Odor and odor threshold

Not available

pH

3.5 to 4

Melting point/freezing point

Not available

Initial boiling point and boiling range

Not available

Flash point

Not available

Evaporation rate

Not available



Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.98 to 0.99 g/cm ³ to 25 °C
Solubility(ies)	Miscible in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Kinematic viscosity	Not available
Dynamic viscosity	Not available
Additional information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not available
Chemical stability	Not available
Possibility of hazardous reactions	Not available
Conditions to avoid	High temperatures.
Incompatible materials	Not available
Hazardous decomposition products	No hazardous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	Not available
Skin corrosion/irritation	Not available
Serious eye damage/eye irritation	Not available
Respiratory or skin sensitization	May cause an allergic skin reaction with itching and acne.
Germ cell mutagenicity	Not available
Carcinogenicity	Not available
Toxicity to reproduction	Not available
Specific target organ toxicity - single exposure	Not available
Specific target organ toxicity - repeated exposure	Not available
Aspiration hazard	Not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity



Ingredient	Information regarding				
	Ecotoxicity Type	Period	test	Species	Dose
Octamethylcyclotetrasiloxane	CL ₅₀ (fish)	96 hour(s)	In vitro	Oncorhynchus mykiss	> 22 mg/L
	EC ₅₀ (crustaceans)	48 hour(s)	In vitro	Daphnia magna	> 15 mg/L
	CEr ₅₀ (algae and other aquatic plants)	96 hour(s)	In vitro	Pseudokirchneriella subcapitata (Selenastrum capricornutum)	> 22 mg/L
	NOEC (crustaceans)	21 day(s)	In vitro	Daphnia magna	= 15 mg/L
Industrial Secret 2	CL ₅₀ (fish)	96 hour(s)	In vitro	Cyprinus carpio	2.15 mg/L
	EC ₅₀ (crustaceans)	48 hour(s)	In vitro	Daphnia magna	2.9 mg/L
	CEr ₅₀ (algae and other aquatic plants)	72 hour(s)	In vitro	Desmodesmus subspicatus (Scenedesmus subspicatus)	0.11 mg/L
Isotridecanol, ethoxylated	CL ₅₀ (fish)	96 hour(s)	In vitro	Danio rerio	1.1 mg/L
Ácido acético	CL ₅₀ (fish)	96 hour(s)	In vitro	Oncorhynchus mykiss	1000 mg/L
	EC ₅₀ (crustaceans)	48 hour(s)	In vitro	Daphnia magna	300.81 mg/L
Ethoxylated isotridecanol (2-5 OE)	CEr ₅₀ (algae and other aquatic plants)	72 hour(s)	In vitro	Pseudokirchneriella subcapitata (Selenastrum capricornutum)	25 mg/L

12.2 Persistence and degradability

Due to the lack of data, the product is expected to be persistent and not rapidly degradable.

12.3 Bioaccumulative potential

Ácido acético

Partition coefficient n-octanol /water (log Kow): -0.17 to 25 °C.

Octamethylcyclotetrasiloxane

Partition coefficient n-octanol /water (log Kow): 6.49 to 25.1 °C.

12.4 Mobility in soil

Not available

12.5 Other adverse effects

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product	Treatment and disposal procedures should be evaluated individually for each product. Existing federal, state and local laws should be consulted.
Rest of the product	Keep the remains of the product in their original packaging and properly sealed. Disposal must be performed as established for the product.
Used packaging	Do not reuse empty packaging. These may contain product debris and should be kept closed and shipped for proper disposal as established for the product.

SECTION 14: TRANSPORT INFORMATION

Ground transportation

UN - "United Nations" Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations

**Maritime transport**

Rules of maritime authority (NORMAM). NORMAM 01/DPC: vessels employed in open sea navigation. NORMAM 02/DPC: vessels employed in interior navigation. IMO - "International Maritime Organization". International Maritime Dangerous Goods Code (IMDG Code).

Air transport

SUPPLEMENTARY INSTRUCTION - IS. ICAO "International Civil Aviation Organization" - Doc 9284-NA / 905. IATA - "International Air Transport Association". Dangerous Goods Regulation (DGR).

UN number

Product not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION

29 CFR 1910.1200, Hazard Communication 29 CFR 1910.272, Grain Handling Facilities Regulation 1272:2008: GHS, United Nations, 3th Revised Edition, 2009 UN Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations, 19th Edition, 2009. Globally Harmonized System of Classification of Chemicals (GHS), 5th Edition, 2013

SECTION 16: OTHER INFORMATION

References

Subtitles and abbreviations

Not available

Hazard statements referring to codes listed in section 3

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects

Other information

This SDS has been prepared on the basis of current knowledge on the proper handling of the product and under normal conditions of use, according to the application specified on the package. Any other use of the product that involves its combination with other materials, in addition to forms of use other than those indicated, are the responsibility of the user. It is advised that the handling of any chemical substance requires prior knowledge of its hazards by the user. At the workplace, the company that uses the product should promote the training of its employees regarding the possible risks arising from exposure to the chemical.