

TexNov



SEALANT WRS-40

High performance water-based waterproof sealant

TexNov WRS-40 is a high performance water based water-repellent sealant containing silane / siloxane. It is a breathing and colorless product that penetrates deep into the concrete and masonry surfaces to form a permanent bond.

TexNov WRS-40 has the ability to resist water without altering the natural appearance of many substrates once dried. It does not form glossy film surfaces like other film forming sealant.

TexNov

Acrylic Coatings
Manufacturer

TEXNOV WRS-40

Concrete, masonry and stucco water-repellent sealant

1- Product Description

TexNov WRS-40 is a high performance water based water-repellent sealant containing silane / siloxane.

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2- Use

TexNov WRS-40 forms as invisible water-repellent barrier to protect a variety of masonry substrates such as natural stone, concrete, cement blocks, architectural concrete, acrylic coatings, bricks, and other masonry products.

3- Coverage

The quantity of product to apply will depend on the surface, texture and porosity of the substrate.

Substrates	3.78 L/m ² (1 gal/ft ²)	18.9 L/m ² (5 gal/ft ²)
Concrete blocks / washed concrete / regular bricks	9.5-14 m ² (100-150 ft ²)	47-70 m ² (505-755 ft ²)
Colored concrete blocks/Split face full concrete blocks	11.7-16 m ² (125-175 ft ²)	58.5-81 m ² (630-875 ft ²)
Porous bricks Sandstone	7.5-11 m ² (81,5-122 ft ²)	37.8-56.7 m ² (407-610 ft ²)
Architectural concrete	16-20.8 m ² (175-225 ft ²)	81-104 m ² (875-1119 ft ²)

4- Application

Consult the substrates sheets for the type of application in compliance with your type of surface or visit our website.

www.texnov.com

Apply the product early in the morning or in the shade. Avoid rain during application and drying. The temperature should be above 10°C (50°F) and remain so for 24 hours before and after product application.

All surfaces must be sound and free of dust, dirt, thin concrete, oil, grease, efflorescence, paint, sealant or any other material or product which may prevent penetration and adhesion of the **TexNov WRS-40** product.

Cleaning methods include: sanding, scraping, high-pressure washing and sandblasting with final water pressure cleaning. Allow sufficient time to dry (usually 24 hours, for the surface to be completely dry).

All masonry surfaces must be repaired at least 72 hours before applying **TexNov WRS-40**. Caulking and sealing works must be executed at least 6 to 12 hours (or as recommended by the manufacturer) before applying **TexNov WRS-40**.

TexNov WRS-40 can be applied using a roller, a brush or a low pressure spray. Do not apply on wet surfaces. It is recommended to apply 2 coats of **TexNov WRS-40**.

Note: If a corrosive or acid cleaning product is used, the surface must be neutralized and thoroughly washed of all residues. Follow the manufacturer's instructions and all SDS when using such materials. It is the responsibility of the installer to ensure that said chemical agents are authorized by local authorities (such as the EPA) and/or the building owner.

Curing information: Once **TexNov WRS-40** is applied to a masonry surface, the extremely fine particles penetrate into the substrate, and the hydrophobic component reacts chemically with the surface on which it has been applied.

*Note: a chemical bond is formed by the substrate silica molecules, which produces the water-repellent surface. **TexNov WRS-40** is fully in depth cured in about 7 days.*

5- Cleaning

Clean tools and equipment with warm water and soap immediately after use.

6- Storage / Shelf Life

TexNov WRS-40 should be stored in a cool, dry, and adequately ventilated area in tightly sealed containers at a temperature between 10 and 40°C (50 - 104°F). Keep away from frost. Product lifetime is of 1 year.

Do not mix with other additives or coatings

7- Personal Protection

When using **TexNov WRS-40**, it is recommended to wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing

8- Transport conditions

Shipping Name: Not applicable.
 TDG Classification: Not regulated.

Note: This product requires no special measures during International transport.

9- Specific Properties

Property	Value
Density	1.00 g/mL
pH	7.5
VOC calculated	30 g/L
Penetration	3 à 6 mm

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
Name: Texnov WRS-40 Description: High performance water-based water repellent sealant that contains silane / siloxane. Restriction of use: Use between 4 and 30°C.	TexNov inc. 839 Joseph-Louis-Mathieu Sherbrooke, Québec, Canada J1R 0X3 Emergency Phone Number: 1 877 316-6388

SECTION 2 - HAZARD IDENTIFICATION

Pictograms

None.

Warning statements

None.

Product classification

None.

Hazard statements

None.

Precautionary statements

Prevention :

Although it is a water-based product, combustible vapors may accumulate in the top of containers. Use in a well-ventilated area. It is recommended to wear gloves and safety glasses.

Intervention

INGESTION: Call Poison Control Center or doctor immediately. Do not induce vomiting unless advised by the doctor. **EYES:** Immediately flush with plenty of water for 15 minutes, occasionally lifting the eyelids. **SKIN:** wash with soap and water. **INHALATION:** If person is not breathing, give artificial respiration and seek medical attention. If breathing is difficult, remove victim to fresh air. Take off immediately all contaminated clothing and shoes.

STORAGE: Store at 5 to 30°C in a closed plastic container. Keep away from frost.

DISPOSAL: Dispose of contents and container in accordance with local regulations.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Based on current knowledge and applicable concentrations, there is no ingredient in this product that is classified as hazardous by GHS and that should be reported in this section.

SECTION 4 - FIRST AID MEASURES

Eye contact: Immediately flush with plenty of water for 15 minutes, occasionally lifting the eyelids. **Skin contact:** Wash with soap and water. Consult a physician if irritation persists.

Inhalation: If person is not breathing, give artificial respiration and seek medical attention. If breathing is difficult, remove victim to fresh air. Take off immediately all contaminated clothing and shoes.

Ingestion: Call Poison Control Center or doctor immediately. Do not induce vomiting unless advised by the doctor.

SECTION 5 - FIRE-FIGHTING MEASURES

Non-flammable product, but it may splash if heated above boiling point.

Combustion product: If the product is heated to combustion, after the release of water vapor, carbon oxides will be emitted.

Use the appropriate extinguisher.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Pick up all the dispersion with a shovel and eliminate the discards.

SECTION 7 - HANDLING AND STORAGE

Handling safety precaution: Do not eat, smoke or drink in the work area. Wash hands after handling. Avoid contact with hands and eyes.

Storage safety conditions: Keep in a dry place away from frost and sunlight. The product may coagulate. The storage temperature is 5 to 30°C. Keep in a closed plastic container.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS:

Occupational Exposure Limits: None.

Individual protection measures

Respiratory protection: For additional protection, wear suitable respiratory protection if fog / vapor emission is possible. Use in a well ventilated place.

Eye Protection: To reduce exposure, wear safety glasses.

Hand protection: To reduce exposure, wear gloves.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White milky liquid.

Odor: Low odor of ammonia.

Odor threshold: Not available

pH: 7,5.

Freezing point: 0°C

Boiling point: 100°C.

Evaporation rate: Not available.

Flammability (solid and gas): Not applicable.

Explosive limit: Not applicable.

Vapor pressure: Not available.

Vapor density: Not available.

Relative density: 0,99.

Solubility in water: may be diluted with water.

Partition coefficient n-octanol / water: Not available.

Auto-ignition temperature: Not applicable.

Decomposition temperature: Not available.

Viscosity: 20 mm²/s (converted from measurement on Brookfield).

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability: This product is considered stable under recommended storage conditions.

Reactivity: Incompatible with strong oxidants and strong acids.

Possibility of hazardous reactions: This product can not polymerize.

Hazardous decomposition product: None.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of entry: This product may be absorbed through the respiratory, digestive and cutaneous routes.

Acute toxicity (calculated GHS): None.

Skin irritation: Virtually nil.

Irritation of the eyes: Not important.
Respiratory or skin sensitization: Virtually zero.
Specific target organ toxicity: none.
Carcinogenicity: none.
Reproductive toxicity: none.
Germ cell mutagenicity: none.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicology: Not available.
Bioaccumulative potential: Not available.
Volatile organic compounds (V.O.C.): ≤ 50g / L.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of releases in according to Municipal, Provincial and National Regulations.

SECTION 14 - TRANSPORT INFORMATION

Proper shipping name: NOT APPLICABLE.
TDG Classification: NOT REGULATED.

SECTION 15 - REGULATORY INFORMATION

WHMIS 2015 Classification: None.
The product classification and SDS have been developed in accordance with the HPR.

SECTION 16 - OTHER INFORMATION

SDS prepared by: Texnov inc.
Emergency telephone number: 1-877-316-6388
Revision Date: 2023-07-01

Warning: The information and recommendations contained in this document have been written to the best of knowledge and technical data collected by Texnov Inc. at the time of the revision. This document is intended to inform users of the product about the precautionary measures when using the product. No warranty is given on the properties mentioned on the products. No liability will be assumed for cases of misuse of the product or failure to observe the safety instructions contained in this document.