

TexNov



RUS-TEX - PREMIUM

Finishing coat for floor and wall

TexNov Rus-Tex-Premium is a floor and wall acrylic finish coating with an asymmetric grainy texture with swirls. For outdoor and indoor use, to be applied on the following ***Texnov Coatings Inc.*** manufactured products: ***TexNov 200 LT, TexNov 200, TexNov 200 PRX***, etc. Manufactured as pre mixed dough, the product is free of dust or any other foreign matter. Its formula allows for a perfect adhesion and high alkali and UV resistance.

TexNov

Acrylic Coatings
Manufacturer

TEXNOV RUS-TEX-PREMIUM

Acrylic finish coating for floors and walls

1- Product Description

TexNov Rus-Tex-Premium is a floor and wall acrylic finish coating with an asymmetric grainy texture with swirls. For outdoor and indoor use, to be applied on the following **Texnov Coatings Inc.** manufactured products: **TexNov 200 LT**, **TexNov 200**, **TexNov 200 PRX**, etc. Manufactured as pre mixed dough, the product is free of dust or any other foreign matter. Its formula allows for a perfect adhesion and high alkali and UV resistance.

TexNov Rus-Tex-Premium possess an enhanced resistance to dirt pick-up because of its higher polymer content than standard acrylic finish.

2- Product Composition

TexNov Rus-Tex-Premium is composed of lightweight material, is non toxic, is free of asbestos fiber, and is permeable to water vapor.

TexNov Rus-Tex-Premium is a 100% acrylic resin coating with inorganic pigments, marble aggregates, titanium pigments, fungicides, preservatives and high performance stabilizers.

3- Coverage

The biggest aggregate determines the thickness of the finish coating.

An 18.9 L container covers about 12 to 13.5 m².
(5 gal covers ± 130 to 150 ft²).

4- Mix

Thoroughly mix contents by using a drill with a paddle mixer. To facilitate application, you may add up to 500 ml of clean water. Be careful not to add too much water, as this may have the opposite effect, and make product application more difficult, and affect its performances.

5- Application

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

www.texnov.com

Apply the product early in the morning or in the shade. Avoid rain during application and drying. Temperature should be above 5°C (41°F) and remain so for 24 hours before and after product application.

The surface must be dry, clean and free of grease, oil or any other products that may affect the adhesion of the coating.

A basecoat such as: **TexNov 200 LT**, **Texnov 200 PRX** or **TexNov 200** must be applied before applying the **TexNov Rus-Tex-Premium** finish coat. Visible imperfections present after drying of the base coating must be sanded.

TexNov Rus-Tex-Premium is designed to be applied with a trowel or a gravity gun. The use of a steel trowel for rolling will give a more uniform finish while using a plastic trowel will result in a textured finish.

Note: As long as the applications of the basecoat, the flashings, and the sealants have not been completed, protect all surfaces against bad weather and other potential damages.

6- Storage/Shelf Life

TexNov Rus-Tex-Premium must be stored in tightly closed containers, at a temperature of 5°C (41°F) or above. Keep away from frost. Product lifetime is of 1 year.

7- Personal Protection

When using **TexNov Rus-Tex-Premium**, 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
- Respirator if needed

8- Transport conditions

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

Note: This product requires no special measures for International Transport

Mixture properties	
VOC (Volatile organic compounds in g/L) Calculated	19 g/L

<i>TexNov Rus-Tex-Premium performance</i>	
Test Requirement	Result
Laminae adhesion^{*1} CCMC 5.3.3 / ASTM D1623 ≥ 0.1 MPa	0.43 MPa
Laminae water absorption^{*1} 48 h CCMC 5.3.6 $\geq 20\%$	11.8%
Resistance to accelerated aging CCMC 5.4.6/ASTM G154 No adverse effects 2000 h	successful
Sustainability to cyclical environmental conditions^{*1} CCMC 5.5.2/ASTM E331 No adverse effects	successful
Resistance to mold CCMC 5.3.7/ASTM C1338 No mold growth	successful
Waterproofing 2h CCMC 5.3.5 $\geq 90\%$ waterproof	successful
Resistance to wind load ASTM E-330-7	100 PSF
Saline air resistance ASTM B117 (hours)	5% - 300
Freeze-Thaw resistance ASTM C292-MDF	60 cycles

^{*1} Laminae = *TexNov 200 PRX + TexNov Rus-Tex*

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p>Name: Texnov Rus-tex Description: Colored water-based acrylic coat. Restriction of use: Sanding or grinding the dried product emits dangerous dust.</p>	<p>TexNov inc. 839 Joseph-Louis-Mathieu Sherbrooke, Québec, Canada J1R 0X3 Emergency Phone Number: 1 877 316-6388</p>

SECTION 2 - HAZARD IDENTIFICATION

Pictograms



Warning statements

DANGER

Product classification

Specific target organ toxicity – repeated exposure – Category 1

Hazard statements

Causes damage to organs (liver, spleen, kidneys, lymph node) after repeated exposure or prolonged exposure.

Precautionary statements

Prevention: Do not breathe dust / fume / gas / mist / vapors / spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when handling this product.

Wear gloves and safety glasses. Use in a well-ventilated area. Inhalation of sanding dust or grinding of the dry product may be harmful. These dusts can cause irritation to the respiratory tract and can damage organs (lungs). This product contains ingredients that are considered carcinogenic if transformed into dust.

Intervention: Consult a doctor if you feel unwell.

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

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

Ingredient	CAS number	% (weight/weight)
Crystalline silica (Quartz)	14808-60-7	15 - 40
Titanium dioxide	13463-67-7	0.1 - 5

The crystalline silica (quartz) and the titanium dioxide content of the product are considered encapsulated or embedded in the binder polymer and not bio-accessible by inhalation in normal use of the product.

Based on current knowledge and applicable concentrations, there are no other ingredients in this product that are 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. Take off immediately all contaminated clothing.

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

Inhalation: If person is not breathing, give artificial respiration and seek medical attention.

If breathing is difficult, remove victim to fresh air.

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. Do not send the dispersion into the sewers, occurs can clog the piping.

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: Sanding or grinding this product in its dry form may produce particles of titanium dioxide and crystalline silica.

Breathable dust	RSST		ACGIH TLV	
	VEMP	DIVS	TWA	STEL
Crystalline silica (Quartz)	0.1 mg/m ³	50 mg/m ³	0.025mg/m ³	Not available
Titanium dioxide	Not available	5000 mg/m ³	10mg/m ³	Not available

RSST : Regulation respecting occupational health and safety; VEMP : Weighted average exposure value

DIVS : Immediate danger to life and health; ACGIH : American Conference of Governmental Industrial Hygienists

TLV : Threshold limit value; TWA : Time-weighted average; STEL : Short-term exposure limit

Individual protection measures

Respiratory protection: Wear appropriate respiratory protection if dusts / fumes / gases / mists / vapors / aerosols are possible above permissible limits. Use in a well ventilated place.

Eye Protection: To reduce exposure, wear safety glasses.

Hand protection: To reduce exposure, wear gloves. Wash your hands thoroughly after using the product.

Do not eat, drink or smoke when handling this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Creamy white liquid or colored as needed.
Odor: Low odor of ammonia.
Odor threshold: Not available
pH: 8-9.
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: 1,8.
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: 33333 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: If the product is heated to combustion, there will be emission of carbon oxides.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of entry: This product may be absorbed through the respiratory, digestive and cutaneous routes.
Acute toxicity (calculated GHS):

Product	DL ₅₀ oral, mg/kg	DL ₅₀ cutaneous, mg/kg	CL ₅₀ , mg/L
Texnov Rus-tex	> 10000 (rat)	> 10000 (rabbit)	> 100 (rat)

Skin irritation: Virtually nil. An irritation of a mechanical nature is possible.
Irritation of the eyes: Not important. An irritation of a mechanical nature is possible.
Respiratory or skin sensitization: Virtually nil.
Specific target organ toxicity: Causes damage to organs (liver, spleen, kidneys, and lymph node) after repeated exposure or prolonged exposure.
Extract from the toxicological index linked to this mention: A very small proportion of silica can pass into the bloodstream in the form of silicic acid. The latter can be deposited in the liver, spleen and lymph nodes. The silicic acid is then excreted unchanged via the kidneys.
Carcinogenicity: The sanding or grinding of this product in its dry form can produce particles of crystalline silica and titanium dioxide which are considered carcinogens classified 2B and 1 respectively according to IARC. Repeated inhalation of crystalline silica can cause lung damage and silicosis.

Ingredient	CIRC	ACGIH	NTP
Crystalline silica (Quartz)	Group 1	Group A2	K
Titanium dioxide	Group 2B	Group A4	N

CIRC: International Center for Research on Cancer. Group 2B : May be carcinogenic to humans. Group A4 : Non-classifiable substance as a carcinogen to humans. NTP : National Toxicology Program; N : Negative.

Reproductive toxicity: none.

Germ cell mutagenicity: none.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicology: Not available.

Bioaccumulative potential: Not available.

Volatile organic compounds (V.O.C.) ≤ 100g / L.

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

Shipping Name: Not Applicable.

TDG Classification: Not Regulated.

SECTION 15 - REGULATORY INFORMATION

WHMIS 2015 Classification: Specific target organ toxicity, repeated exposure, Category 1

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.