

TexNov



GRANEX

Acrylic finish coating with colored sand grains

TexNov Granex is an acrylic finish coat used on exterior and interior walls and for application on the following **TexNov inc.** manufactured products: **TexPro Base Express, TexPro UniPlast** etc.).

Manufactured as pre mixed coating, 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 Granex** is produced with 1.5 mm fine grains.

TexNov

Acrylic Coatings
Manufacturer

GRANEX

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1- Product Description

TexNov Granex is an acrylic finish coat used on exterior and interior walls and for application on the following **TexNov inc.** manufactured products: **TexPro Base Express**, **TexPro UniPlast** etc. Manufactured as pre mixed coating, 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 Granex** is produced with 1.5 mm fine grains.

TexNov Granex is composed of lightweight material, is nontoxic, is free of asbestos fiber and is permeable to water vapor.

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

2- Covered area

An 18.9 L container covers about 130 to 150 ft² (12 to 14 m²).

3- Mix

Thoroughly mix contents by using a drill with a paddle mixer. If necessary use **Stef Th** to dilute the mixture. Otherwise clean water may be added to the **TexNov Granex** mixture to facilitate its application. Do not add too much water, which could make the product difficult to apply and affect its performances, up to 500 ml (2 cups).

4- Application

During application, the **TexNov Granex** must be applied protected from hot sun and bad weather. Ambient air, coating material and surface temperature must be above than 5°C (41°F) during application, and for 24 hours after application.

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

Temporary protection:

As long as the application of the finish coat and drying has not been completed, protect the wall against bad weather and other potential damages. If the temperature is below 5°C (41°F), it is important to maintain the temperature at the minimum level or above.

Surface preparation:

The surface must be dry, clean and free of grease, oil or any other products that may affect the adhesion of the coating. Applying a **TexPro FlexRoll** layer is mandatory to obtain the required opacity. Applying **TexPro FlexRoll** also allows delaying the drying of the finish coat during intense heat.

Visible imperfections present after drying of the base layer must be sanded.

5- Product Storage

TexNov Granex must be stored at 5°C (41°F) or above in tightly sealed containers. Keep away from frost. Product lifetime is of 1 year.

6- Transport conditions

Shipping Name: Not applicable.

TDG Classification: Not regulated.

Note: This product requires no special measures for International Transport

TexNov Granex mixture properties	
C.O.V. (Volatile organic compounds in g / L) Calculated	19

TexNov Granex performance	
Test Requirement	Result
Laminate adhesion *1 CCMC 5.3.3/ASTM D1623 ≥ 0.1 MPa	0.43 MPa
Vapor permeability on laminated surfaces *1 CCMC 5.3.4/ASTM E96 *2	10.0 perms*2
Laminate water absorption *1 48 h CCMC 5.3.6 ≥ 20 %	11.8 %
Resistance to accelerated aging CCMC 5.4.6/ASTM G154 No adverse effects 2000 h	Successful
Laminate 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 ≥ 90 % waterproof	Successful
Résistance à la charge de vent ASTM E-330-7	100 PSF
Résistance à l'air Salin ASTM B117 (heures)	5% - 300

*1 Laminate = **TexPro Base Express + TexNov Granex**

*2 Test performed at **TexNov** laboratory according to **ASTM** guidelines.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p>Name: TexNov Granex Description: Water-based acrylic finish 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 THE COMPONENTS

Ingredient	CAS number	% (weight/weight)
Crystalline silica (Quartz)	14808-60-7	15-40

The crystalline silica (Quartz) content of the product is 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 AIDS

Eye contact: Flush eyes with water. Consult a physician if irritation persists.

Skin contact: Soap and rinse exposed area thoroughly. Consult a physician if irritation persists.

Ingestion: Rinse mouth with water. Do not induce vomiting unless prompted by medical advice. Do not swallow anything to an unconscious person.

Inhalation: Move the person to a well-ventilated area. Consult a doctor if headaches persist.

SECTION 5 - MEASURE IN CASE OF FIRE

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 - MEASURES TO BE TAKEN IN CASE OF ACCIDENTAL DISPERSION

Pick up all the dispersion with a shovel and eliminate the discards. Do not send the dispersion into the sewer, 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 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

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: 44444 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 DATA

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 Granex	> 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 is its dry form can produce particles of crystalline silica which are considered carcinogens 1 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

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 DATA

Ecotoxicology: Not available.
Bioaccumulative potential: Not available.
Volatile organic compounds (V.O.C.): ≤ 100g / L.

SECTION 13 - DATA FOR DISPOSAL OF THE PRODUCT

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: 1-800-688-5990

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.