

TexNov



VOLCANO

Metallic glossy acrylic finish coat interior / exterior

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TexNov Volcano has an integrated texture with the metallic color in a single product applicable to the trowel. This feature sets it apart from other existing metal coatings.

TexNov

Acrylic Coatings
Manufacturer

TEXNOV VOLCANO

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1-Product description:

TexNov Volcano is a metallic finish acrylic coating, use on exterior and interior wall. Manufactured as a premixed paste the product is free of dust or other foreign matter. Its formula allows it a perfect adhesion, a very high resistance to alkalis and ultraviolet rays.

The installation of **TexNov Volcano** must be done by a qualified and experienced applicator in this type of finish. To learn more about product installation contact your **TexNov** representative.

The composition of **TexNov Volcano** includes pearlescent pigments of selected granulometries for a metallic finish. The shimmering effect obtained will vary according to the lighting and the angle of observation. Note that the coating will not be opaque completely.

TexNov Volcano has an integrated texture with the metallic color in a single product applicable to the trowel. This feature sets it apart from other existing metal coatings.

TexNov Volcano is available in a limited range of 10 colors and custom colors for your project. A delay of 3 weeks is required for custom colors. Contact your **TexNov** sales representative to access the samples.

TexNov Volcano is made of lightweight material, has zero toxicity, is free of asbestos fiber and is permeable to water vapor.

TexNov Volcano is a 100% acrylic resin coating with inorganic pigments, fungicides, preservatives and high performance stabilizers.

2-Covered area

An 18.9 L container covers approximately 140 to 160 ft² (13 to 15 m²)

3-Mixture

Mix the contents well using a low speed drill equipped with a vane mixer. If necessary, use **STEF Th** to dilute the mixture. Otherwise clean water may be added to the **TexNov Volcano** mixture to facilitate its application. Do not add too much water that could make it difficult to apply the product and affect its performance, maximum of 500 ml (2 cups).

4-Installation

TexNov Volcano must be applied away from the fiery sun and bad weather. Ambient air, coating and surface temperatures must be above 41°F (5°C) during application and 24 hours after application.

TexNov Volcano is designed to be applied by trowel or with a gravity rifle. Using a steel trowel for rolling will give a more even finish while a plastic trowel will give a more textured finish.

Temporary protection : As long as the finishing coat and drying have not been completed, protect the wall against weather and other possible damage. If the temperature is below 5°C (41°F), it is important to keep the heat to a minimum or more.

Surface Preparation : The surface must be clean and free from grease, oil or other products that may impair the adhesion of the coating. The application of a layer of **TexPro FlexTex** is mandatory to obtain the necessary opacity. The application of **TexPro FlexTex** also allows to delay the drying of the finishing plaster in periods of intense heat.

Visible imperfections after basecoat drying should be sandblasted.

5-Product storage

TexNov Volcano should be stored at 5°C (41°F) or above in tightly sealed containers. Keep away from frost. The shelf life of the product is 1 year.

6-Transport conditions

Regulatory name : Not applicable.
TDG Classification : Not regulated.

Note : This product does not require any special measures during International transport.

Properties of the mixture	
C.O.V. (Volatile organic compounds in g / L) Calculated	19

TexNov Volcano performance	
Test Requirement	Result
Adhesion of laminate *1 CCMC 5.3.3 / ASTM D1623 ≥ 0.1 MPa	0.43 MPa
Vapor permeability ASTM E-96	10.0 perms*2
Water absorption of laminate *1 48 hrs CCMC 5.3.6 ≥ 20%	11.8%
Accelerated aging resistance CCMC 5.4.6 / ASTM G154 No adverse effects 2000 h	Successful
Durability under cyclic environmental conditions of laminate *1 CCMC 5.5.2 / ASTM E331 No adverse effects	Successful
Mold resistance CCMC 5.3.7 / ASTM C1338 No Mold Formation	Successful
Water tightness 2h CCMC 5.3.5 ≥90% waterproof	Successful
Resistance to wind load ASTM E-330-7	100 PSF
Salin air resistance ASTM B117 (hours)	5% -300
Thaw Gel Resistance ASTM C292-MDF	60 cycles

*1 The laminate = **TexPro Base Express + TexNov Volcano**

*2 Test performed at the **TexNov** laboratory according to ASTM

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p>Name : TexNov Volcano Description : Textured acrylic coating with metallic finish. 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	45 - 70
Titanium dioxide	13463-67-7	0.1 - 1

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 : 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 you feel unwell.

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 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 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 : 7-9.5.
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 : 1,6 à 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 : 50000 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 Volcano	> 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 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.