

TexNov



MAGMA

Metallic glossy acrylic finish coat

TexNov Magma is a water-based, 100% acrylic exterior coat with a metallic film finish that protects concrete, wood and waterproof surfaces (walls). TexNov Magma is a translucent and high gloss coat. This product is specially formulated for maximum outdoor resistance, but is reduced in VOC for indoor application.

TexNov

Acrylic Coatings
Manufacturer

MAGMA

Metallic glossy acrylic finish coat

1- PRODUCT DESCRIPTION

TexNov Magma is a water-based, 100% acrylic exterior coat with a metallic film finish that protects concrete, wood and waterproof surfaces (walls). **TexNov Magma** is a translucent and high gloss coat. This product is specially formulated for maximum outdoor resistance, but is reduced in VOC for indoor application.

The application of **TexNov Magma** must be done by a qualified and experimented applicator, used to this kind of finish. To get more information on the installation of the product contact your **TexNov** technical service.

TexNov Magma gets full architectural potential when used to seal other **TexNov** acrylic coatings.

Features	Benefits
Metallic Finish	Gives a remarkable shine to the acrylic coating.
Excellent UV resistance.	No yellowing, no discoloration, no cracking.
100% acrylic resin.	- Hydrofuge (water pearls on the surface) - Resistance to alkali, climate and superior aging. - Flexibility and resistance to fouling without compromise. Non-sticky finish.
Permeability of adequate vapors.	The surfaces breathe and the film does not flake.
High resin content.	Excellent adhesion on a multitude of substrates.
Surfacing Additives	- Smooth and easily cleanable surface.
Special formulation.	- Application with brush, roller, spray, sponge and raclette (squeegee). - Short drying without cracking (outside). - Resistance to bacteria and fungi. - Form a glossy film of superior quality.

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

2- APPLICATION AND TYPE OF SUBSTRATE:

The surface to be covered must be dry, free of loose paint, dust, oil, grease or other pollutants. For an exemplary surface preparation use **TexNov** products during cleaning (Concrete Conditioner, Surface Preparation).

Surface preparation is essential to achieve maximum adhesion. 100% acrylic coatings are recognized as being tough and durable outdoors (UV, weather and weather), more than epoxy, polyurethane, styrene-acrylic, acrylic vinyl and oil-based paint.

The coated surface must be at a temperature of 5 to 30°C away from the sun and rain. After the application protect the surface of the rain and bad weather for 36h.

Just before the application **TexNov Magma** must be stirred slowly. The mix must be homogeneous to get an even metallic effect.

TexNov Magma can be applied to different textures of **TexNov** acrylic coatings. The texture and final color of the wall will depend on the type of application. It can be spread evenly for a smooth finish with a roller, brush or spray. It is also possible to use a soft trowel to fill only the hollows of the texture taking care to wipe the excess with the sponge to give a more contrasting finish reminiscent of melted magma flows. A sample will allow you to better evaluate the final pace of your project.

TexNov Magma can be applied on different substrates : cement boards, concrete, wood, masonite, gypsum, stucco, plaster, brick and all types of masonry. For the following species of wood : pine, cedar, spruce and oak are recommended. For other approved wood species contact **TexNov** Technical Support.

3. CAUTION:

TexNov Magma will marry the reliefs of the surface. To obtain a smooth surface, if necessary, first correct the imperfections of the substrates with the appropriate **TexNov** product. A first layer of normal thickness followed by a second thicker layer will provide a highly smooth surface.

The dilution of **TexNov Magma** with water is not recommended, as it will damage the finish and adhesion of the film. No additives or accelerants should be added.

For further information on the handling, handling or use of this product, please consult our Safety Data Sheet or consult our **TexNov** technical support.

4. PHYSICAL PROPERTIES:

Solids:	35.0 %	
pH:	8.5-9.0	
Density	1.1	
Viscosity with Brookfield model DV2T HA, propeller no. H4 / 10 rpm:	12500 cps	
ASTM E-96 vapor permeability:	> 570 ng/(Pa·s·m ²)	
Glass transition temperature at midpoint / Tg (°C):	30 before cure	
C.O.V. (Volatile Organic Compounds)	< 150g/L	
Recommended layer thickness	7.5 à 10 mils	
Surface capacity for 2 coats per 18.9L (20 Kg) pail	Approximately : 600sq. Ft.	
Storage	Protect from the cold and the sun	
Lifetime	2 years	
Drying ambient conditions	Dry to touch	2h
	Ready for 2nd layer	4h
	Walk on the surface	24h
	Complete cure	14 days minimum

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
Name : Texnov Magma Description : Acrylic waterbased metallic finish coating. Restriction of use : Sanding or grinding the dried product emits dangerous dust.	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 : 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

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)
Titanium dioxide	13463-67-7	0.1 – 1

The titanium dioxide 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 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 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 :

Breathable dust	RSST		ACGIH TLV	
	VEMP	DIVS	TWA	STEL
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 : White or colored gel.

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 : 1,05 – 1.1.

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 : 10000 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 Magma	> 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 : None
Carcinogenicity:

The sanding or grinding of this product in its dry form can produce particles of titanium dioxide which is considered carcinogens classified 2B according to IARC.

Ingredient	CIRC	ACGIH	NTP
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.) : ≤ 130g / 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 : 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.