

TexNov



TEXBRIGHT

Acrylic coating for concrete surfaces

Tex Bright is a two component product made of 100% acrylic resin with inorganic pigments, quartz sand, silica aggregates, additives and high performance fungicides. It has a high resistance to blackening and fouling.

The coated surface can be mechanically ground to obtain a smooth surface that does not become clogged. Grinded, the surface can be covered with **Gelnov Ultra** sealant coating which will give the surface a waxed concrete appearance.

TexNov

Acrylic Coatings
Manufacturer

TEX BRIGHT

Acrylic coating for concrete surfaces

1- Description of the product

Tex Bright is a two component product made of 100% acrylic resin with inorganic pigments, quartz sand, silica aggregates, additives and high performance fungicides. It has a high resistance to blackening and fouling.

Mixed the 2 components of **Tex Bright** before coating.

Tex Bright is available in two colors, concrete gray & white.

The coated surface can be mechanically ground to obtain a smooth surface that does not become clogged. Grinded, the surface can be covered with Gelnov Ultra sealant coating which will give the surface a waxed concrete appearance.

Tex Bright is designed for trowel application. Indoor and outdoor use on different substrates it allows a concrete type finish.

2- Covered area

For installation at 3/16" thickness:

One 16.5 kg kit: 2 layers covers 90-100 ft² (8-9 m²)

The level of substrate porosity and temperature can affect the area covered by the product.

3- Mix:

Mix the **Tex Bright** well by gradually adding the colored liquid content of the 7L to the powder of the 18.9L. Make sure all the mixture is uniform without lumps.

Let stand 5 minutes, then mix again.

If necessary, to make the product more liquid, add a maximum of one cup of water (250 mL) per 18.9L. Do not add too much water which will negatively affect the performance of the product.

4- Application

Prior to application of **Tex Bright**, it is recommended to have a coat of **Texnov** Cement Primer like **TexNov 200** installed with roller. Consult your Texnov representative to determine the correct primer to be used depending on the project.

Apply the product early in the morning or in the shade. Avoid rain when applying and drying. The temperature must be above 5°C (41°F) and remain 24 hours before and after application of the product.

Surfaces to be coated with **Tex Bright** must not be painted. They must be clean, dry, and form a proper structure. They must be free of grease, oil and other products that will prevent good adhesion. Wash any dirty surface with a pressure washer. If necessary clean stubborn stains with a wire brush and / or a suitable cleaner.

Note: After mixing **Tex Bright** completely, the product should be applied in approximately 45 minutes depending on the ambient temperature.

Tex Bright is applied by trowel. To get a smoother texture and reduce grinding afterwards, you'll have to smooth the texture with a wet trowel or a wet sponge.

The drying time of the **Tex Bright** coating depends on the ambient air and the relative humidity. Under normal drying conditions of 21°C (70°F) and 55% RH, the drying time is 12 hours.

Grinding: After hardening the **Tex Bright** you can sand the entire surface with a grit 120 and then sand the entire surface with a grit 220. Avoid making grooves. Once finished the sanded surface should be very smooth to the touch, it is necessary to resist the fouling.

Note: As long as the installation and ripening of **Tex Bright** has not been completed, protect the walls and structures from the weather and other possible damage.

5- Cleaning :

Clean the tools with water while the **Tex Bright** mix is still wet.

6- Storage / Shelf life :

Tex Bright 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.

7- Personal protection :

When using the **Tex Bright**, it is recommended to wear the following safety equipment:

- Paper respiratory protection masks
- Safety glasses or protective glasses
- Chemical resistant gloves
- Long sleeves and / or protective rubber clothing

8- Conditions of transport :

Regulatory name: Not applicable.

TDG Classification: Not regulated.

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

Performance of <i>Tex Bright</i>	
Test Requirement	Result
Water absorption 48 h * CCMC 5.3.6 ≥ 20 %	14.5 %
Water resistance 2h * CCMC 5.3.5 ≥ 90 % étanche	Excellent
Adhesion to cementitious primer CCMC 5.3.3 / ASTM D1623 ≥ 0.1 MPa	0.5 MPa
Mold resistance CCMC 5.3.7 / ASTM C1338 No Mold Formation	Excellent
Submergence anti-fouling test ASTM D3623 No fouling compared to the standard Pass	Excellent

* Test performed at **Texnov** laboratory according to CCMC 716.1.

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p>Name: Tex-Bright Description: Cementitious finish coat. Restriction of use: Sandblasting or grinding the dried product emits hazardous dusts</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

Skin corrosion / irritation - Category 1

Serious eye damage / eye irritation - Category 1

Specific target organ toxicity - repeated exposure - Category 1

Specific target organ toxicity - single exposure (respiratory tract irritation) - Category 3

Carcinogenicity - Category 1A

Hazard statements

Causes severe skin burns and eye damage. May irritate the respiratory tract. Causes damage to organs (liver, spleen, kidneys, lymph node, and respiratory system) after repeated exposure or prolonged exposure. May cause cancer.

Precautionary statements

Prevention: Obtain instructions before use. Do not handle until you have read and understood all safety precautions. Do not breathe dust / fume / gas / mist / vapors / spray. Wear protective gloves / protective clothing and eye protection / face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when handling this product. Use the product only outdoors or in a well-ventilated area.

Intervention: Consult a doctor if you feel unwell. IF exposed or suspected: Get medical advice / Get medical attention. **INGESTION:** Do not induce vomiting unless advised by the doctor. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse. Call a POISON CENTER / doctor immediately. **IF ON SKIN:** Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Specific treatment (see skin contact on this label). If skin irritation occurs: Get medical advice / seek medical attention. **INHALATION:** If person is not breathing, give artificial respiration and seek medical attention. If breathing is difficult, remove victim to fresh air.

Storage: Store in a well-ventilated place. Keep the container tightly closed. Store at a temperature of 5 to 30°C. Keep away from frost. Keep locked up.

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	30 - 60
Portland Cement	65997-15-1	15 - 40
Calcium Hydroxyde	1305-62-0	3 - 10

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: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue to rinse. Call a POISON CENTER / doctor immediately.

Skin contact: Wash with plenty of water and soap. Remove contaminated clothing and wash before reuse. Specific treatment (see skin contact on this label). If skin irritation occurs: Get medical advice / seek medical attention.

Ingestion: Drink plenty of water. See a doctor. Do not induce vomiting unless prompted by medical advice. Do not swallow anything to an unconscious person.

Inhalation: Move person to a well-ventilated area. If the person is no longer breathing, give artificial respiration and seek medical attention. See a 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, there will be emission of carbon oxides.

Use the appropriate extinguishers.

SECTION 6 - HANDLING AND STORAGE

Pick up all the scattering with a shovel and eliminate the discards. Do not send the dispersions into the sewers, occurs can clog the piping.

SECTION 7 - ACCIDENTAL RELEASE MEASURES

Handling Precaution: Do not handle until you have read and understood all safety precautions. Do not breathe dust / fume / gas / mist / vapors / spray. Wear protective gloves / protective clothing and eye protection / face protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when handling this product.

Storage Conditions: Store in a well-ventilated area. Keep the container tightly closed. Store at a temperature of 5 to 30°C. Keep away from frost. Keep locked up. Keep in a dry place away from frost and sun. The product may coagulate.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS:

Occupational Exposure Limits:

Breathable dust Ingredient	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
Portland Cement	5 mg/m ³	5000 mg/m ³	10 mg/m ³	Not available
Calcium Hydroxyde	5 mg/m ³	Not available	5 mg/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 emissions of fumes / mists / vapors / spray may exceed 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 with a light green color with gray or white powder.

Odor: Low odor of ammonia.

Odor threshold: Not available

pH: 9-9.5.

Freezing point: 0°C

Boiling point: 100°C.

Evaporation rate: Not available.

Flammability (solid and gas): Not applicable.

Explosive limit: Not applicable.

Vapor pressure: same as water

Vapor density: Not available.

Relative density: 1,6.

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: 20000 mm² / s (converted from measurement on Brookfield)

SECTION 10 - STABILITY AND REACTIVITY

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

Reactivity: Incompatible with strong oxidants and 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
Tex-Bright	> 10000 (rat)	> 10000 (lapin)	> 100 (rat)

Skin irritation: Causes skin damage.

Eye irritation: Causes serious eye damage.

Respiratory or skin sensitization: None other than the respiratory effects already mentioned.

Specific target organ toxicity: May cause respiratory irritation. Causes damage to organs (liver, spleen, kidneys, lymph node, and respiratory system) 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:

Repeated inhalation of crystalline silica may cause lung damage and silicosis.

Ingredient	CIRC	ACGIH	NTP
Crystalline silica (Quartz)	Group 1	Group A2	K
Portland Cement	Not available	Group A4	Not available
Calcium Hydroxyde	Not available	Not available	Not available

IARC: International Agency for Research on Cancer. Group 1: The agent is carcinogenic to humans.

Group A2: Suspected human carcinogen; Group A4 not classifiable as a carcinogen to humans; NTP: National Toxicology Program; K: The substance is known to be carcinogenic.

Reproductive toxicity: none

Germ cell mutagenicity: none

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicology: The product is easily biodegradable (DOB and COD).

Bioaccumulative potential: Not available.

Volatile organic compounds (V.O.C.): ≤ 50g/L

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of 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 Classification 2015: Skin corrosion / irritation - Category 1, Serious eye damage / eye irritation - Category 1, Specific target organ toxicity - repeated exposure - Category 1, Specific target organ toxicity - single exposure (respiratory tract irritation) - Category 3, Carcinogenicity - Category 1A. 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.