

# TexNov



## ***TEXPRO BASE LEVELING***

### ***Cement levelling coating – surface rectification***

***TexPro Base Leveling*** is specially designed to provide leveling of a substrate (concrete) when it contains imperfections of more than ¼” and that it must be covered with a base coat. It is also used to repair cracks in the substrate. It is used to straighten the surface of a wall or cement floor before applying a finish coat. It also serves at straightening a brick wall before applying ***TexPro Base Express***, a mesh and a finish coat.

**TexNov**

Acrylic Coatings  
Manufacturer

# TEXPRO BASE LEVELING

*Cement levelling coating – surface rectification*

## 1- Product description

**TexPro Base Leveling** is a resin-based, acrylic coating which contains silica aggregates, light aggregates, flour of marble, perlite and other additives and fungicides. The product contains a high amount of fiber to assist with its filling properties. The product is specially formulated to be light and provides the deep surface levelling without any withdraw.

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## 2- Covered surface area

An 18.9L container covers approximately 70 ft<sup>2</sup> (6.5 m<sup>2</sup>) with a ¼" thickness.

## 3- Mixture

Thoroughly mix the **TexPro Base Leveling** in equal parts 1:1 in volume to Portland cement type 1 GU with a paddle mixer. Let stand for 5 minutes. Add, if necessary, a small amount of clear water; up to a 250 ml (1 cup) can be added to make the application easier. Do not add too much water since this will make the product difficult to apply. Only prepare half of the **TexPro Base Leveling** container at each time.

Portland cement type 1 GU meet the ASTM C 150 and CSA A3000-08 standards.

Portland cement type 1 GU meets the following norms:

- A3000 CSA Standard on binder materials
- National Building Code of Canada (NBCC) Provincial-building codes: Ontario, Quebec, British Columbia, Nova Scotia.

## 4- Installation

### Temporary protection:

For as long as the installation of the base coat, finish coat, flashings and sealants have not been completed, you should protect the wall against weathering and other potential damage

### Surface preparation:

The surfaces to be recovered must not be painted; they must be clean, dry and free of any foreign material or damage. They must be free of grease and oil and other products that will prevent proper bonding.

### Installation:

Once the product is mixed, the installation time is approximately 1 hour depending on the ambient temperature. Surface and ambient air temperature should be 5°C (41°F) or higher and remain so for a minimum of 24 hours.

### Drying:

**TexPro Base Leveling** coating drying time depends on the ambient air and relative humidity. Under normal drying conditions (21°C and 55% RH), drying time is 24 hours.

## 5- Product storage

**TexPro Base Leveling** should be stored at 5°C (41°F) or above in well-sealed containers. Keep away from frost. The service life of the product is 1 year

## 6- Transportation conditions

Regulated shipping name: not applicable.  
TDM category: Not regulated.

*Note: This product requires no special measures for international transport.*

<b>TexPro Base Leveling performance</b>	
Test requirement	Result
<b>48 h Water absorption*</b> CCMC 5.3.6 ≥ 20 %	12.7 %
<b>2 h water immersion*</b> CCMC 5.3.5 ≥ 90 % waterproof	Successful

\* Test at the **TexNov** as per CCMC 716.1 directives.

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<b>Name:</b> TexPro Base Leveling <b>Description:</b> Surface leveling coat <b>Restriction of use:</b> Sanding or grinding the dried product emits dangerous dust	<b>TexNov inc.</b> 839 Joseph-Louis-Mathieu Sherbrooke, Québec, Canada J1R 0X3 <b>Emergency Phone Number:</b> 1 877 316-6388

## 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	30 - 60

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 <sup>3</sup>	50 mg/m <sup>3</sup>	0.025mg/m <sup>3</sup>	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 with a slight gray color.

**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:** Not available.  
**Vapor density:** Not available.  
**Relative density:** 1,45.  
**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:** 17200 mm<sup>2</sup> / 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 <sub>50</sub> oral, mg/kg	DL <sub>50</sub> cutaneous, mg/kg	CL <sub>50</sub> , mg/L
TexPro Base Leveling	> 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 which is considered carcinogen classified 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.):** ≤ 50g / L.

**SECTION 13 - DATA FOR DISPOSAL OF THE PRODUCT**

Dispose of 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 the 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.