

# TexNov



## SEALANT COATING MET-30

***Water-based sealer. Solidity, durability, sealing and wear resistance***

**TexNov MET-30** is a high solids content water-based sealant. The sealant allows the concrete to develop its full potential in terms of strength gain, durability, waterproofing, and wear resistance.

As **TexNov MET-30** complies with environmental standards (VOC), its application is safe and promotes resistance to dirt pick-up.

**TexNov**

Acrylic Coatings  
Manufacturer

# TEXNOV MET-30

*Water-based sealant*

## 1- Product Description

**TexNov MET-30** is a high solids content water-based sealant. The sealant allows the concrete to develop its full potential in terms of strength gain, durability, waterproofing, and wear resistance.

As **TexNov MET-30** complies with environmental standards (VOC), its application is safe and promotes resistance to dirt pick-up.

The product is formulated with a 100% acrylic resin resistant to efflorescence and UV. **TexNov MET-30** does not generate white spots upon contact with water.

## 2- Characteristics & Advantages

**TexNov MET-30** is recommended for use in applications where low odors and/or compliance with VOC is required, and/or where dust standards are enforced, such as warehouses, office buildings, driveways, sidewalks, municipal buildings and food processing plants.

The product is specifically designed to cover: TexNov Acrylic coatings, concrete blocks, cobblestones, cement, concrete, stucco, plaster and concrete bricks.

## 3- Preparation

**TexNov MET-30** formulation offers a very low level of odor and dries to form a clear protective, transparent, medium gloss (semi-gloss finish) film. It adheres well to concrete surfaces and provide excellent protection properties namely against contaminants, dirt, and a variety of mild chemicals. It is mainly recommended to protect Acrylic coatings applied on horizontal surfaces.

- Low odor.
- Excellent curing and sealing properties.
- Compliant with VOC formulations.
- Compatible with most tile adhesives and paints.
- Protects from dirt and mortar drops.
- Easy to spray and apply.

## 4- Use

Consult the substrates sheets for the type of application in compliance with your type of surface or visit our website.

[www.texnov.com](http://www.texnov.com)

The use of **TexNov MET-30** on plain pavement is not recommended.

Surfaces treated with **TexNov MET-30** are compatible with most paints and tile adhesives after a cure period of seven days or more. Shake the container well before use.

**TexNov MET-30** application on acrylic coating:

- 1- Wait until the acrylic coating is completely dry (24 hours or more after the last coat).
- 2- Apply the first coat of **TexNov MET-30** with a 10 mm roll or brush or spray gun. Be careful to apply evenly. Do not form puddles (which may remain white) or excess foam.
- 3- Wait 24 hours of good weather and apply the second layer in the same way.

### **Temporary protection:**

As long as the installation and drying of the sealant are not complete, protect the surface against the weather and other possible damages.

### **Maintenance:**

On a floor the **TexNov MET-30** can be washed with the Texnov Surface Cleaner (dilution 1 Surface Cleaner: 9 water) once a year. The average wear of a floor requires the laying of a new layer of **TexNov MET-30** once every 3 to 5 years.

## 5- Application

**TexNov MET-30** must be stored at 5°C or above in well-sealed containers. Protect the product from frost. Once the product to freeze, it is unusable. The shelf life of the product is 3 years.

**6- Transport conditions**

Shipping Name: Not applicable.  
 TDG Classification: Not regulated.

*Note: This product requires no special measures during International transport.*

**7- Physical Properties**
**Coverage:**

The amount to be applied will depend on the surface, texture and porosity of the concrete.

**Curing / sealing, fresh concrete:**

3.78L covers ± 35 m<sup>2</sup> (1 gal covers ± 375 ft<sup>2</sup>)  
 18.9L covers ± 174 m<sup>2</sup>  
 (5 gal covers ± 1873 ft<sup>2</sup>)

**Sealing / protection against dust on old concrete:**

3.78 L covers ± 37 m<sup>2</sup> (1 gal covers ± 398 ft<sup>2</sup>)  
 18.9 L covers ± 185 m<sup>2</sup>  
 (5 gal covers ± 1990 ft<sup>2</sup>)

<b>Standards: ASTM C-309 // ASTM C-1315</b>	
% of solids:	30%
Gloss:	Medium
UV resistance (1000 h)	Successful
VOC, g/L	< 100
Salt spray resistance in hours At 5%, 95°F. - Method # 6061	750 h (Successful)
Touch dry	60 min
Water retention, kg/m <sup>2</sup> , ASTM C-156	0.38
Compliance: ASTM C-1315, Class B	Successful
Compliance: ASTM-C-309	Successful

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p><b>Name:</b> Texnov MET-30 Scellant  <b>Description:</b> Water-based sealer and curing agent.  <b>Restriction of use:</b> Use between 4 and 30 °C.</p>	<p><b>TexNov inc.</b>            839 Joseph-Louis-Mathieu            Sherbrooke, Québec, Canada J1R 0X3  <b>Emergency Phone Number:</b> 1 877 316-6388</p>

## SECTION 2 - HAZARD IDENTIFICATION

### Pictograms



### Warning statements

DANGER

### Product classification

Reproductive toxicity category 1B

Toxicity to reproductive function and development

### Hazard statements

May affect fertility or the fetus.

### Prevention :

Obtain instructions before use. Do not handle until you have read and understood all safety precautions. Wear protective gloves / protective clothing / eye protection, face protection and respiratory protection.

This coating is intended for industrial use only. Although it is a water-based product, combustible vapors may accumulate in the top of containers. Do not breathe vapor / spray. Use in a well-ventilated area.

### Intervention

In case of proven or suspected exposure: consult a doctor.

**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. **INHALATION:** If person is not breathing, give artificial respiration and seek medical attention. Breathing difficulty, transport victim to fresh air. Take off immediately all contaminated clothing and shoes.

**STORAGE:** Store at 5 to 30°C in a closed plastic container. Keep away from frost. Keep lock up.

**DISPOSAL:** Dispose of contents and container in accordance with local regulations.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS number	% (weight/weight)
Dibutyl phthalate	84-74-2	0.5-1.5

*Based on current knowledge and applicable concentrations, there are no other ingredients in this product that are classified as hazardous by GHS 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. Consult a physician if irritation persists.

**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. Breathing difficulty, transport victim to fresh air. Take off immediately all contaminated clothing and shoes.

**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.

**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. Keep lock up.

**SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION**

**CONTROL PARAMETERS:**

**Occupational Exposure Limits:**

Breathable dust	RSST		ACGIH TLV	
	VEMP	DIVS	TWA	STEL
Dibutyl phthalate	5 mg/m <sup>3</sup>	4000 mg/m <sup>3</sup>	5 mg/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:** White milky liquid.

**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.  
**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:** 70 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 INFORMATION

**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
Dibutyl phthalate	> 3180 (rat)	> 25000 (lapin)	Not available

**Skin irritation:** Virtually nil.  
**Irritation of the eyes:** Not important.  
**Respiratory or skin sensitization:** Virtually nil.  
**Specific target organ toxicity:** None.  
**Carcinogenicity:** None.  
**Reproductive toxicity:** Reproductive toxicity category 1B. Toxicity for reproductive function and development. This product contains dibutyl phthalate, which can cause testicular damage in animals and has adverse effects on the general reproductive ability of the animal. For dibutyl phthalate: Animal studies suggest the possibility of an increase in congenital malformations but the relationship between exposure and effect is not satisfactory due to experimental limitations. It has an embryo-toxic and / or foeto-toxic effect in the animal. It crosses the placenta in animals.  
**Germ cell mutagenicity:** none.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicology:** Not available.  
**Bioaccumulative potential:** Not available.  
**Volatile organic compounds (C.O.V.)** ≤ 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:** Reproductive toxicity category 1B.

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.