

TexNov



ELASTOROLL

Elastomeric coating

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TexNov

Acrylic Coatings
Manufacturer

TEXNOV ELASTOROLL

Elastomeric coating

1- Product Description

Texnov Elastoroll is a high resilient coating material, that creates a wall coating with high elasticity. It is available in 96 basic colors and may be combined to most color coatings and paints available in the market. It can be used on a wide variety of substrates giving them a matte color finish that coordinates well with exterior and interior finish coatings.

Texnov Elastoroll is formulated with 100% acrylic elastomeric polymers that maintain their flexibility at low temperature (down to -40°C). The coating resists dirt pick-up, mold growth, chalking, UV and alkali degradation.

2- Use

Texnov Elastoroll is recommended on concrete, masonry and stucco structures. **Texnov Elastoroll** also serves to rejuvenate acrylic, stucco or plaster surfaces. The elongation of the coating enables the recoating of surfaces containing micro cracks (<1/32"). It allows the coated substrate to breathe, because it possesses a great permeability to water vapors.

3- Covered area

Two coats of 10 mils wet are required for waterproofing projects. At that thickness an 18.9 L pail of **Texnov Elastoroll** covers 400 ft² (55.7 to 74.3 m²) in two coats, depending on the roughness and porosity of the surface and application technique.

4- Mix

Thoroughly mix until obtaining a creamy and smooth mixture. Do not dilute.

5- Application

The application of the **Texnov Elastoroll** must be protected from direct sunlight and bad weather. Both ambient air and surface temperature must be of 5°C (50°F) or above, and so maintained for a minimum of 24 hours.

Temporary protection: The wall must be protected against bad weather and other potential damage during the entire coating application time, and for 4 hours after application.

Surface Preparation: The area to be coated must be clean, dry, of good quality, and free from crusts, grease, oil, etc. Clean the surfaces to be coated with a pressure cleaning system and a cleaning agent specific to the type of surface before applying **Texnov Elastoroll**. Consult the substrates sheets for the type of application in compliance with your type of surface on our website:

www.texnov.com

Texnov Elastoroll can be applied using a brush, a roller or a spray system.

Drying: **Texnov Elastoroll** drying time depends on the air temperature and relative humidity. Under normal conditions, 21°C (70°F) ambient temperature and 55% relative humidity, **Texnov Elastoroll** is touch dry after 30 minutes and completely dry after 4 hours.

Cleaning: Clean the tools with water while **Texnov Elastoroll** is still wet.

6- Product Storage

Texnov Elastoroll must be stored at a minimum temperature of 5°C (41°F) in a tightly sealed container. Product lifetime is of 1 year.

7- Transport conditions

Shipping Name: Not applicable.

TDG Classification: Not regulated.

Note: This product requires no special measures for International Transport.

8- Performance of the product

<i>Texnov Elastoroll*</i>	
Test Requirements	Results
Adhesion on concrete ASTM D4541	0.86 MPa
Accelerated aging resistance ASTM G154 No adverse effects 2000 h	Successful
Durability under cyclical environmental conditions ASTM E331 No adverse effects	Successful
Mold resistance ASTM C1338 No mold formation	Successful
Flexibility ASTM D522 1/8" mandrel at -20°C	Successful (no cracks)
Alkali resistance TT-P-1511B	Successful (no efflorescence)
Resistance to wind driven rain ASTM D6904	Weight gain : 0.09oz No water leaks
Dirt pick-up resistance ASTM D3719	Successful (After 6 weeks $\Delta E = 2.3$)
Elongation (% , PSI) ASTM D412	425%, 220 PSI
Water vapor permeability ASTM E-96 method B	18.3 1044 ng/(s·m ² ·Pa)
Crack bridging ability ASTM C1305	Successful (no cracks)
Solids (volume) ASTM D2697	50.3%
Solids (weight) ASTM D2697	65.2%
Density ASTM D2697	1.43 g/mL

* Test performed at **TexNov** laboratory according to ASTM guidelines

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
Name: Texnov Elastoroll Description: Colored primer that precedes the finish coat or serves to refresh an existing wall. Restriction of use: Use between 5°C and 30°C.	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 airways 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	# number	% (weight/weight)
Crystalline silica (Quartz)	14808-60-7	0.1 - 1
Titanium dioxide	13463-67-7	0.1 - 5

The crystalline silica and titanium dioxide contents 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 that are classified as hazardous by GHS in this product 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 person to a well-ventilated area. Consult a doctor if headaches persist.

SECTION 5
MESURE 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 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: 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: 1,4.
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: 7000 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 DATA

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 Elastoroll	> 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: Crystalline silica can cause damage to organs (liver, spleen, kidneys, and lymph node) after repeated exposure or prolonged exposure. Levels of crystalline silica in the product are too low for GSH classification has toxic for organs. 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 titanium dioxide and crystalline silica 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 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 releases in accordance with municipal, provincial and federal 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 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.