

TexNov



MULTI-USE POLYMER

Repair Polymer Cement, leveling or adhesive

TexNov Multi-use Polymer is a mixture of two components, 100% acrylic resin and special aggregates. It is designed to cover and retain fiberglass mesh on compliant insulation layers, and serves as a leveling and repair layer to prepare the surface to receive the TexNov finish coat, or as an adhesive (to glue tiles or stones on the concrete).

TexNov

Acrylic Coatings
Manufacturer

TEXNOV MULTI-USE POLYMER

Repair polymer cement

1- Product Description

TexNov Multi-use Polymer is a mixture of two components, 100% acrylic resin and special aggregates with inorganic pigments, marble grit, quartz sand, silica aggregates, additives and high performance fungicides.

It is designed to cover and retain fiberglass mesh on compliant insulation layers, and serves as a leveling and repair layer to prepare the surface to receive the TexNov finish coat, or as an adhesive (to glue tiles or stones on the concrete).

2- Coverage

At a thickness of 1/8 inch (0.32 cm)
6 kg covers $\pm 2.3 \text{ m}^2$ (13.2 lb covers $\pm 25 \text{ ft}^2$)
12 kg $\pm 4.6 \text{ m}^2$ (26.5 lb $\pm 50 \text{ ft}^2$)

3- Mix

TexNov Multi-use Polymer should be mixed based on the type of application desired (see below).

Mix the 2 **TexNov Multi-use Polymer** components with a mixer. Let stand for 5 minutes (the product will harden). Stir again; add a little water if necessary, maximum 1% water. Product should be applied within a 30 minutes time frame after mixing.

Application type (volume based):

Repair and resurfacing:
1 acrylic/1 aggregate

Adhesion coating:
2 acrylic/1 aggregate

*Note: Clean water may be added to the **TexNov Multi-use Polymer** mixture to facilitate its application.*

Do not add too much water as it might make the product application more difficult.

4- Application

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

www.texnov.com

Apply the product early in the morning or in the shade. Avoid rain and extreme temperatures during application and drying.

To prepare concrete surfaces properly before using the **TexNov Multi-use Polymer** use the Texnov Concrete Conditioner and consult its technical data sheet.

- Concrete repair and resurfacing:

Surface and ambient temperature must be of at least 5°C (41°F) and remain so for a minimum of 24 hours.

- The surfaces requiring coating should not be painted or sealed. They must be clean, dry, and form an adequate structure. They must be free of grease, oil and other products that may prevent good adhesion.
- Spread the **TexNov Multi-use Polymer** mixture evenly with a brush, roller, trowel or putty knife. It is possible to level the surface with a damp sponge when surface is dry to the touch.

Note: When the polymer is surface dry (3-4 hours) it is possible to sand the surface to correct potential defects with sandpaper (grade 20/24), do not wait until the next day, as the surface will be too hard.

Note: As long as the applications of the base coat, the finish coat, the flashing, and sealants have not been completed, protect the wall against bad weather and other potential damages.

*Note: Drying time of the **TexNov Multi-use Polymer** coating depends on the ambient air and relative humidity. Under normal drying conditions, 21°C (70°F) and 55% RH, drying time is 24 hours.*

Adhesive:

Surface and ambient temperature should be between 10°C (50°F) and 30°C (86°F) and remain so for a minimum of 24 hours. The surface should be neither hot nor wet.

- Spread the mixture with a notched trowel on the surface where the part to be glued will be applied. Make sure the mixture has not started to dry.

5- Personal Protection

When using **TexNov Multi-use Polymer**, it is recommended to wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing

6- Storage / Shelf Life

Store **TexNov Multi-use Polymer** at a temperature of 5°C (41°F) or more in a closed container. Keep in a dry place. Keep away from frost. Product lifetime is of 1 year.

7- Transport conditions

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

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

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<p>Name: Multi-Use Polymer Description: Adhesive and leveling 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 2

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 skin irritation. Causes serious 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	1 - 5
Portland Cement	65997-15-1	7 - 13

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

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 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: 1,5.

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: 12000 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
Multi-Use Polymer	> 10000 (rat)	> 10000 (lapin)	> 100 (rat)

Skin irritation: Causes skin irritation.

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

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 2, 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.