

# TexNov



## ***CEMENT GLUE***

### ***High performance polymer for concrete***

**GL-50** is a white color, 100 % acrylic, polymer based emulsion, with an ammonia smell. It is used to modify a cement mix in order to make it more adherent and more flexible.

**TexNov**

Acrylic Coatings  
Manufacturer

# GL-50

*Cement glue - high performance polymer for concrete*

## **1- Product Description**

**GL-50** is a white color, 100 % acrylic, polymer based emulsion, with an ammonia smell.

## **2- Uses**

**GL-50** is used to modify a cement mix in order to make it more adherent and more flexible.

## **3- Application**

The amount of **GL-50** to be added in a concrete or stucco mixture should be 10% of the cement powder weight. The same mixture can be used to repair a stucco wall or aggregates. **GL-50** will allow you to provide more flexibility to your coating, increase its waterproofing abilities and increase its adherence.

**GL-50** can also be used to repair cracks in stucco, concrete and bricks.

## **4- Storage**

Do not apply **GL-50** at a temperature below 5°C (41°F).  
The minimum storage temperature of the product is 1°C (34°F).  
The maximum storage temperature of the product is 49°C (120°F).  
Keep away from frost, as the product might coagulate.

## **5- Transportation Conditions**

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

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

# SAFETY DATA SHEET

## SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
<b>Name:</b> GL-50 <b>Description:</b> Cement adhesive, used as a binding agent in concrete. <b>Restriction of use:</b> Use between 5 °C and 30°C.	<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**

None

**Warning statements**

None

**Product classification**

None

**Hazard statements**

None

**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.

**Intervention:** See 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. 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 INGREDIENTS

Based on current knowledge and applicable concentrations, there is no ingredient in this product that is classified as hazardous by GHS and 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. Take off immediately all contaminated clothing.

**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. If breathing is difficult, remove victim to fresh air.

## 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.

## SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

### CONTROL PARAMETERS:

**Occupational exposure limit values:** None.

### 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 liquid (aqueous dispersion of acrylic polymer).

**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:** 1,05.

**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:** 10000 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
GL 50	> 10000 (rat)	> 10000 (rabbit)	> 100 (rat)

**Skin irritation:** Virtually zero.

**Irritation of the eyes:** Not important.

**Respiratory or skin sensitization:** Virtually zero.

**Specific target organ toxicity:** Virtually zero.

**Carcinogenicity:** None.

**Reproductive toxicity:** none.

**Germ cell mutagenicity:** none.

## SECTION 12 - ECOLOGICAL INFORMATION

**Ecotoxicology:** Not available.

**Bioaccumulative potential:** Not available.

**Volatile organic compounds (V.O.C.)** ≤ 100g / L.

## SECTION 13 - DISPOSAL CONSIDERATIONS

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:** 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.