# SAFETY DATA SHEET

**Product:** **PRO GROUT XTREME (PART B)**
**Revision Date:** **2015/12/22**

## Section 1. Product and Company Identification

| | |
|---|---|
| Product Name: | **PRO GROUT XTREME (PART B)** |
| Recommended Use(s): | Epoxy Tile Grout (Part B) |
| Non-Recommended Use(s): | Not specified |
| Manufacturer: | **Proma Adhesives,** 9801 Boulevard parkway, Anjou, QC, H1J 1P3, Canada |
| Email: | info@proma.ca |
| Url: | www.proma.ca |
| Emergency Contact: | **Emergency Spills (CANUTEC):** (613)996-6666 /Emergency contact number in Canada/U.S.A |

## Section 2. Hazard Identification

### GHS Classification for mixture:

Serious eye damage/eye irritation - Category 1
Skin corrosion/irritation - Category 1B
Skin sensitization - Category 1
Flammable liquids - Category 4

### Pictograms:

### Signal Words: Danger

### Hazard Statements:

Causes severe skin burns and eye damage.
Combustible liquid.
May cause an allergic skin reaction.

### Precautionary Statements: General

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe fumes. Wash hands thoroughly after handling. Wear protective gloves, eye protection and a dust mask.

**Response** If exposed or concerned: Get medical advice/attention. Get medical advice if you feel unwell. IF IN EYES: Remove contact lenses, if present and easy to do, rinse with water for several minutes . IF ON SKIN: Rinse with water for several minutes. IF INHALED, Move the person to fresh air. IF INGESTED, call a poison center.

**Storage** Store locked up.

**Disposal** Dispose of contents/container in accordance with local regulations.

## Section 3. Composition / Information on Ingredients

| Identifiers | Ingredients | Percentage |
|---|---|---|
| 68951-85-9 | Fatty acids, tall-oil, polymers with bisphenol A | <80% |
| 9046-10-0 | Polyoxypropylenediamine | <25% |
| 112-57-2 | Tetraethylenepentamine | <10% |
| 109-55-7 | 3-aminopropyldimethylamine | <10% |
| 100-51-6 | benzyl alcohol | <10% |

## Section 4. First-Aid Measures

### First-Aid: Eyes

**IF IN EYES:** Wash eyes with plenty of water. Hold eyelids open to ensure adequate flushing. Remove contact lenses if present and easy to do so. Continue rinsing. Seek medical attention.

### First-Aid: Skin

**IF ON SKIN:** Rince with water for several minutes. Take off all contaminated clothing and wash it before reuse. In case of chemical burns, redness or other symptoms, seek medical advice/attention.

### First-Aid: Ingestion

**IF INGESTED:** Call a poison center. Do not induce vomiting.

### First-Aid: Inhalation

**IF INHALED:** Move the person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if symptoms occur.

## Section 5. Fire-Fighting Measures

### Flammability

Combustible liquid.

### Suitable Extinguishing Media

Use dry chemical, water spray, carbon dioxide or alcohol-resistant foam.

### Unsuitable Extinguishing Media

Do not use water jet.

### Specific Hazards Arising from Combustion of Products

**Combustion Products:** May include and are not limited to Oxides of carbon (COx) and halogenated compounds.
**Heat & Fire:** The product is combustible. Fire and heat may decompose the product and generate hazardous gas, vapor or dust.

### Protective Measures for Fire-Fighting

Wear protective clothing to prevent contact with skin and eyes completely. Wear self-contained breathing apparatus for firefighting. Avoid direct contact with the substance. Avoid breathing gas, vapor or dust. In the case of large fires, evacuate residents who are downwind of fire.

### Specific Hazards Arising from Combustion of Products

**Explosion data:**

| | |
|---|---|
| Sensitivity to mechanical impact: | Not available |
| Sensitivity to Static discharge: | Not available |

## Section 6. Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves, clothing and protective goggles to prevent contact with skin and eyes.
Avoid direct contact.
Avoid generating dust.
See protective measures in section 7 & 8.

### Environmental Precautions

Prevent entry into sewers, water courses, basements or confined areas. Dispose the material in accordance with the government regulation. If the product has entered a water course or sewer or contaminated soil or vegetation, advise the local emergency services and environmental authorities.

### Clean-up Procedures

Collect and transfer to a closable container without splash or generating dust / mist. Dispose the material in accordance with the government regulations.

## Section 7. Handling and Storage

### Precautions for Safe Handling

**Handling:** Avoid direct contact with the substance. Avoid breathing dust. Keep container tightly closed. Wear protective gloves, clothing and protective goggles to prevent contact with skin and eyes. Ensure there is sufficient ventilation of the area. Do not eat or drink during handling. Report immediately if physical damage, leakage or spillage occurs.

**General hygiene advice:** Launder contaminated clothing before reuse. Wash any exposed area of body thoroughly after handling before eating, drinking or smoking.

### Conditions for Safe Storage

Store locked up. Keep container tightly closed. Store in a well-ventilated area. Keep out of the reach of children. Respect the laws of the safety standards and occupational health.

## Section 8. Exposure Controls / Personal Protection

### Control Parameters / Exposure Guideline

| | Occupational Exposure Limits | |
|---|---|---|
| **Ingredients** | **AIHA WEEL** | |
| Tetraethylenepentamine | TWA: 5 mg/m³ (8h) | Absorbed through skin. Skin sensitizer. |
| Benzyl alcohol | TWA: 10 ppm (8h) | |

### Control Parameters / Exposure Controls

Engineering Controls: Use ventilation adequate to keep exposures below recommended exposure limits. (airborne levels of dust, fume, vapor etc.)

### Control Parameters / Individual Protective Measures

| | |
|---|---|
| **Eye/Face Protection:** | Wear Safety goggles. Don't use eye lens. |
| **Skin and Body Protection:** | Wear protective clothing. Wear a dust mask. |
| **Hand Protection:** | Wear impermeable gloves. |
| **Respiratory Protection:** | If ventilation is inadequate or in the case of mechanical work on cured material or when mixing use an adequate respiratory equipment. |

## Section 9. Physical and Chemical Properties

### Basic physical and chemical properties Information

| | |
|---|---|
| **Physical state:** | Liquid |
| **Color:** | Yellow |
| **Odour:** | Amine |
| **Odour threshold:** | Not available |
| **pH (in water):** | Not available |
| **Melting/freezing point:** | < 0°C / < 34°F |
| **Boiling point:** | > 100°C / > 212°F |
| **Flash point:** | > 84°C / > 183°F |
| **Evaporation rate:** | Not available |
| **Flammability:** | Combustible |
| **Upper Explosive Limit:** | Not available |
| **Lower Explosive Limit:** | Not available |
| **Vapor pressure:** | Not available |
| **Vapor density:** | Not available |
| **Specific gravity** (kg/L)**:** | 1 |
| **Solubility uncured:** | Not soluble |
| **Solubility cured:** | Not available |
| **Octanol/Water coefficient:** | Not available |
| **Auto-ignition temperature:** | Not available |
| **Decomposition temperature:** | Not available |
| **Viscosity** (kcPs @ 21°C)**:** | Not available |
| **Oxidizing Properties:** | Not available |
| **Explosive Properties:** | Not available |
| **VOC content (g/l)** | Not available |

## Section 10. Chemical Stability & Reactivity Information

| | |
|---|---|
| **Stability/Reactivity** | Stable under ambient condition. |
| **Possibility of Hazardous Reactions** | None |
| **Conditions to Avoid** | Avoid source of ignition |
| **Materials to Avoid** | Oxidizer |
| **Hazardous Products of Decomposition** | May include and are not limited to Oxides of carbon (COx) and halogenated compounds. |

## Section 11. Toxicological Information

### Toxicological Information for Product

**Prolonged /Repeated Exposure:** Prolonged / Repeated exposure may cause allergic skin reaction.
**Ingestion:** The product is not classified for ingestion hazard.
**Toxicological Data:** No toxicological data exists for the product.
**Carcinogenicity:** This product is not classified as carcinogenic.

**Inhalation:** No known effect.

### Toxicological Information for Component

| | **Polyoxypropylenediamine** | **Tetraethylenepentamine** |
|---|---|---|
| **Toxicity - Oral** | LD50 Rat 2880 mg/kg | LD50 Rat 3990 mg/kg |
| **Toxicity - Dermal** | LD50 Rat > 2980 mg/kg | N/A |
| **Toxicity - Inhalation** | N/A | N/A |
| | **3-aminopropyldimethylamine** | **Benzyl alcohol** |
| **Toxicity - Oral** | LD50 Rat 1870 mg/kg | LD50 Rat 1230 mg/kg |
| **Toxicity - Dermal** | N/A | LD50 Rabbit > 2000 mg/kg |
| **Toxicity - Inhalation** | N/A | N/A |

## Section 12. Ecological Information

**Ecotoxicity:** No ecotoxicity values for this specific blend. Avoid release into the environment.
**Persistence and Degradability:** Not available
**Bioaccumulative Potential:** Low Potential
**Mobility in Soil:** Not available
**Other Adverse Effects:** Not available

## Section 13. Disposal Considerations

### Waste Disposal Regulation(s) / Operation

Avoid release to the environment. Users need to pay attention to the possible existence of regional or national regulations regarding disposal.

## Section 14. Transportation Information [ADR-UN, DOT, ICAO, IMDG, TDGR]

**UN Number:** 2735
**UN Proper Shipping Name:** Polyamines, liquid, Corrosive, N.O.S. (Polyoxypropylenediamine)


**Hazard Class:** 8
**Packing group:** III

## Section 15. Regulatory Information

### Safety, Health and Environmental Regulations for Product

No regulation data for product.

### Safety, Health and Environmental Regulations for Component

3-aminopropyldimethylamine

Canada: DSL / NDSL: Listed on the Canadian DSL (Domestic Substance List) inventory.
Listed on the Canadian Ingredient Disclosure List.

States: Hazardous Substance Right to know list (RTK): Massachusetts. New Jersey. Pennsylvania.

Benzyl alcohol

Canada: DSL / NDSL: Listed on the Canadian DSL (Domestic Substance List) inventory.
Listed on the Canadian Ingredient Disclosure List.

States: Hazardous Substance Right to know list (RTK): Massachusetts. New Jersey. Pennsylvania.

Tetraethylenepentamine

Canada: DSL / NDSL: Listed on the Canadian DSL (Domestic Substance List) inventory.
Listed on the Canadian Ingredient Disclosure List.

States: Hazardous Substance Right to know list (RTK): Massachusetts. New Jersey. Pennsylvania.

## Section 16. Other Information

**Date of preparation :** December 2 2015
**Version :** 1.0
**Prepared by :** PROMA ADHESIVES INC

## Other Information Disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This

## Glossary

| | |
|---|---|
| **ACGIH:** | American Conference of Governmental Industrial Hygienists. |
| **ADR:** | European Road Transport. |
| **CAS:** | Chemical Abstracts Service. |
| **DOT:** | US Department of Transportation USA. |
| **DSL:** | Canadian Domestic Substances List. |
| **EPA:** | US Environmental Protection Agency. |
| **ICAO:** | International Civil Aviation Organization. |
| **IMDG:** | International Maritime Dangerous Goods Code. |
| **LC50:** | Lethal concentration that will kill 50 percent of the test animals within a specified time. |
| **LD50:** | The dose required to produce the death in 50 percent of the exposed species within a specified time. |
| **N/Ap:** | Not applicable. |
| **N/Av:** | Not available. |
| **N/D:** | Not determined. |
| **NDSL:** | Canadian Non-Domestic Substances List. |
| **NIOSH:** | National Institute for Occupational Safety and Health. |
| **OSHA:** | Occupational Safety and Health Administration, US Department of Labor. |
| **REL:** | A recommended exposure limit (REL) is an occupational exposure limit that has been recommended by the United States National Institute for Occupational Safety and Health to the Occupational Safety and Health Administration (OSHA) for adoption as a permissible exposure limit. |
| **RTECS:** | Registry of Toxic Effects of Chemical Substances. |
| **SARA:** | Superfund Amendments and Reauthorization Act. |
| **STEL:** | A short-term exposure limit (STEL) is the acceptable average exposure over a short period of time, usually 15 minutes as long as the time-weighted average is not exceeded. |
| **TDGR:** | Transportation of Dangerous Goods Regulations. |
| **TLV:** | The threshold limit value of a chemical substance is a level to which it is believed a worker can be exposed day after day for a working lifetime without adverse health effects. Strictly speaking, TLV is a reserved term of the American Conference of Governmental Industrial Hygienists (ACGIH). However, it is sometimes loosely used to refer to other similar concepts used in occupational health and toxicology. TLVs, along with biological exposure indices (BEIs), are published annually by the ACGIH. |
| **TSCA:** | Toxic Substances Control Act. |
| **TWA:** | A time-weighted average is used to calculate a workers daily exposure to a hazardous substance (such as chemicals, dusts, fumes, mists, gases, or vapors) or agent (such as occupational noise), averaged to an 8-hour workday, taking into account the average levels of the substance or agent and the time spent in the area. This is the guideline OSHA uses to determine permissible exposure limits (PELs) and is essential in assessing a worker's exposure and determining what protective measures should be taken. |
| **UN:** | United Nations. |