

SAFETY DATA SHEET

Product: PRO GROUT ONE
Revision Date: 2015-10-16

Section 1. Product and Company Identification

Product Name: **PRO GROUT ONE**
 Recommended Use(s): Grout ready to use.
 Non-Recommended Use(s): Not specified
 Manufacturer: **Proma Adhesives**, 9801 Boulevard parkway,
 Anjou, QC, H1J 1P3, Canada
 Email: info@proma.ca
 Url: www.proma.us/site/
 Emergency Contact: **Emergency Spills (CANUTEC):** (613)996-6666 /Emergency contact number in Canada
Emergency Spills (CHEMTREC): (800)424-9300 /Emergency contact number in the US

Section 2. Hazard Identification

GHS Classification for mixture:

Carcinogenicity - Category 1A
 STOT RE1 - Category 1
 Serious eye irritation - 2A

Pictograms:



Signal Words: Danger

Hazard Statement: May cause cancer. Route(s) of exposure: Lungs. May cause damage to organs through prolonged or repeated exposure. Route(s) of exposure: Respiration.

Affected organ(s): Lungs.

Precautionary Statements: General

Prevention

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

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. Continue rinsing. IF IN EYES: Rinse cautiously with water for several minutes.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local regulations.

Section 3. Composition / Information on Ingredients

Identifiers	Ingredients	Percentage	Classification	Note
14808-60-7	Crystalline silica	60-80%	Carc. 1A; H350	*see below
107-21-1	Ethylene Glycol	2,0 %	Acute Oral Cat 4, STOT Repeated Cat 2	
13463-67-7	Titanium dioxide	0 - 3,0%	Carc. 2; H351	*see below

* This product contains one or more materials that may be hazardous when present as a respirable airborne dust under 75 micron. Because this product exist as a liquid paste, these materials will not be released in the air during normal handling. Therefore they are not expected to become a health hazard as they will be encapsulated within a polymer network during the normal curing process.

SAFETY DATA SHEET**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 the contact lenses immediately if worn and easy to do so. Continue rinsing. Seek medical attention if irritation or redness develops.

First-Aid: Skin

IF ON SKIN: Wash contaminated areas thoroughly with water. Take off all contaminated clothing and wash it before reuse.

First-Aid: Ingestion

IF INGESTED: Rinse the mouth with water. If after ingestion you feel unwell, seek medical advice. In the case of ingestion

First-Aid: Inhalation

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if

First-Aid:

IF IN EYES: Flush eye with water for 20 minutes. Get medical attention.

IF ON SKIN: Wash with soap and water.

IF INGESTED: Remove to fresh air. Call a physician if symptoms persist.

IF INHALED: Do not induce vomiting. Seek medical attention if symptoms develop. provide medical care provider with this SDS.

Section 5. Fire-Fighting Measures**Flammability**

The product is not flammable by WHMIS/OSHA criteria.

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

Not available

Specific Hazards Arising from Combustion of Products

Combustion Products: May include and are not limited to Oxides of carbon (COx).

Heat & Fire: The product is not flammable or 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

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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

Section 7. Handling and Storage

Precautions for Safe Handling

Handling: Avoid direct contact with the substance. Avoid breathing mist, vapor, dust, fume, gas or spray. 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

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

Section 8. Exposure Controls / Personal Protection

Control Parameters / Exposure Guideline

Ingredients	Occupational Exposure Limits		Note
	OSHA-PEL	ACGIH-TLV	
Crystalline silica	(10 mg/m ³)/(%SiO ₂ +2) (resp)	0,025 mg/m ³	*see below
	(30 mg/m ³)/(%SiO ₂ +2) (total)		
	(250 mg/m ³)/(%SiO ₂ +5) mppcf (resp)		
Ethylene Glycol	50 ppm	20 ppm	
Titanium dioxide	(15 mg/m ³)/(%SiO ₂ +2) (total)	10 mg/m ³	*see below

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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.

Hand Protection: Wear impermeable gloves.

Respiratory Protection: If ventilation is inadequate or in the case of mechanical work on cured material (such as grinding and sanding where dust is

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Section 9. Physical and Chemical Properties

Basic physical and chemical properties Information

Physical state:	Thick non-sagging paste as-is. (Hard visco-elastic solid in cured state)
Color:	Various
Odour:	Slight odor
Odour threshold:	Not available
pH:	7.5 to 9.0
Melting/freezing point:	< -20 °C
Boiling point:	> 100 °C
Flash point:	Non flammable
Evaporation rate:	Not available
Flammability:	Non flammable
Upper Explosive Limit:	Not available
Lower Explosive Limit:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Specific gravity (kg/L):	1.75
Solubility uncured:	Water
Solubility cured:	Not available
Octanol/Water coefficient:	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity (kcPs @ 21°C):	800
Oxidizing Properties:	Not available
Explosive Properties:	Not available
VOC content (g/l)	51

Section 10. Chemical Stability & Reactivity Information

Stability/Reactivity	Stable under ambient condition.
Possibility of Hazardous Reactions	None
Conditions to Avoid	Fire. Heat. Incompatible materials.
Materials to Avoid	None known
Hazardous Products of Decomposition	May include and are not limited to Oxides of carbon (COx)

Section 11. Toxicological Information

Toxicological Information for Product

There is no toxicological data for this product mixture. Consider the individual* concentration of each component to assess toxicological effects resulting from exposure to the mixture.

* Since the normal physical state is a thick paste that will evolve to hard visco-elastic solid under normal use there is a very low risk of exposure to known carcinogen included in this product before and after its cure.

Toxicological Information for Component

Crystalline silica	Oral, LD50 Rat 22 500 mg/kg
Titanium dioxide	Oral, LD50 Rat >10 000 mg/kg
Water	Oral, LD50 Rat >90 000 mg/kg
Ethylene Glycol	Oral, LD50 Rat >4 000 mg/kg Dermal, LD50 Rabbit 9530 uL/kg



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Section 12. Ecological Information

Ecotoxicity:	No ecotoxicity values for this product. Avoid release into the environment.
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
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-UN, IATA, IMDG]

Regulation: Not regulated for transportation.

Section 15. Regulatory Information

Safety, Health and Environmental Regulations

USA - Federal regulations

TSCA Inventory	All the components are listed on the TSCA inventory
SARA	No substance listed
CERCLA	No substance listed

USA - State specific regulations

		California	Pennsylvania	New Jersey	Massachusetts
Silica sand	Carcinogen	Yes	Yes	Yes	Yes
Titanium dioxide	Carcinogen	Yes	Yes	Yes	Yes
Ethylene glycol	reproductive toxicant	Yes	Yes	Yes	Yes

Section 16. Other Information

Date of preparation : October 26, 2015

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Prepared by : PROMA ADHESIVES

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 company shall not be held liable for any damage resulting from handling or from contact with the above product.