

Safety Data Sheet

Conforms to OSHA HazCom 2012 & WHMIS 2015
Product: **PRO GROUT ONE** Revision Date: 2018-03-08



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, Inc. 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
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 Statements: 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. 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.

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	*See below
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 exists 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.

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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 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. If redness or other symptoms occurs, seek medical advice/attention.

First Aid: Ingestion

IF INGESTED: Rinse the mouth with water. If after ingestion you feel unwell, seek medical advice.
In the case of ingestion of large quantities immediately take the person to hospital.

First Aid: Inhalation

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

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. Firefighting 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 and 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 Firefighting

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.

Cleanup 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

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

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.

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

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

* This product contains one or more materials that may be hazardous when present as a respirable airborne dust under 75 micron. Because this product exists 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.

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: Not needed for normal use, work safely.

Skin and Body Protection: Use general hygiene advice in section 7.

Hand Protection: Use general hygiene advice in section 7.

Respiratory Protection: If ventilation is inadequate or in the case of mechanical work on cured material or when mixing use an adequate respiratory equipment.

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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
Odor:	Slight odor
Odor threshold:	Not available
pH (in water):	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
Wet 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 and 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

Section 12. Ecological Information

Ecotoxicity:	Not available. Avoid release into the environment.
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
Other Adverse Effects:	Not available

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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]

Regulation: Not regulated for transportation.

Section 15. Regulatory Information

Safety, Health and Environmental Regulations

CANADA - FEDERAL REGULATIONS

DSL - Domestic Substances List

All the substances are listed in the DSL.

NDSL - Non Domestic Substances List

No substances listed

NPRI - National Pollutant Release Inventory

No substances listed

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: March 08, 2018

Version: 0.6

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.