

PRO GROUT ONE

1. Identification

Product identifier: PRO GROUT ONE
Other means of identification: ---
Recommended use: Pre-mixed Grout
Restriction on use: For indoor and outdoor use.
Supplier Name: ADHESIFS PROMA INC.
9801 boul. Parkway
Anjou, Québec
Canada, H1J 1P3
Telephone: 514 852-8585
Emergency tel. number: 1 866 517-7662
Available hours: 7h30 - 16h00 Monday to Friday

2. Hazard identification

Signal word: DANGER

Product classification:



Carcinogenicity - Category 1A. Carcinogenicity - Category 2. Specific target organ toxicity – repeated exposure - Category 1.

Hazard statement(s):
H350 - May cause cancer.
H351 - Suspected of causing cancer.
H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statement(s)

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe mist, vapors and spray. Wash hands thoroughly after handling and any other part of the body that may have been exposed to the product. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye and face protection.

Response: IF exposed or concerned: Get medical advice. Get medical advice if you feel unwell.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local, regional, national and/or international regulations in force.

Other hazards: No other effects shown.

See toxicological information, section 11

3. Composition / Information on ingredients

No	CAS No :	Common name and synonyms	Concentration % (w/w)
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	60.00 - 80.00
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	1.00 - 3.00

4. First-aid measures

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention as soon as possible.

Skin contact: Remove contaminated clothing immediately. Wash the skin with soap and water. Thoroughly wet contaminated clothing. If irritation persists, consult a doctor.

Inhalation: Move exposed person to fresh air. Keep this person warm and lying down. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion: If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do not induce vomiting unless instructed by medical personnel.

Symptoms: No known symptoms.

Effects (acute or delayed): Contains crystalline silica. Prolonged exposure to respirable crystalline silica can aggravate diseases of the respiratory system and lungs and cause silicosis. The effects of silicosis can continue to develop even after the exposure ceases and they are irreversible. In addition, the progression of lung fibrosis can also lead to the development of lung cancer.

Immediate medical attention and special treatment: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Suitable extinguishing media: Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable extinguishing media: Jets of water can facilitate the spread of fire.

Specific hazards arising from the hazardous product: No specific hazard.

Hazardous combustion products: None known.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or if you do not have suitable training or protection. Evacuate surrounding areas. Do not touch or walk through spilled material. Shut off all heating and ignition sources. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Protective equipment and emergency procedures: Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution. Use inert absorbent or retention tubes in the event of a large spill.

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Contain leaks and pick up with non-combustible absorbent materials such as sand, earth or vermiculite. Then, place in an appropriate waste disposal container according to local regulations. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

Precautions for safe handling: Avoid direct contact with the substance. Avoid breathing mist, vapors, dust, fumes, gases or aerosols. Keep container tightly closed. Wear protective clothing, gloves and eye protection to avoid contact with skin and eyes. Make sure the area is sufficiently ventilated. Do not eat or drink while handling. In case of physical damage, leak or spill, notify authorities immediately.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibility: None known.

8. Exposure Controls/ Personal protection

Control parameters:

Occupational exposure limit values:

Alberta

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	Not listed	0.025	Not listed	Not listed	Not listed	Not listed
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	Not listed	10	Not listed	Not listed	Not listed	Not listed

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British-Columbia

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	Not listed	0.025	Not listed	Not listed	Not listed	Not listed
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	Not listed	10	Not listed	Not listed	Not listed	Not listed

Ontario

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	Not listed	0.10 mg/m ³ Respirable fraction	Not listed	Not listed	Not listed	Not listed
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

Quebec

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	Not listed	0.1	Not listed	Not listed	Not listed	Not listed
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	Not listed	10	Not listed	Not listed	Not listed	Not listed

Saskatchewan

No	CAS No :	Common name and synonyms	8-hour occupational exposure limit (TWA)		15-minute occupational exposure limit (STEL)		Ceiling occupational exposure limit	
			ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	Not listed	0.05 as respirable fraction	Not listed	Not listed	Not listed	Not listed
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	Not listed	10	Not listed	20	Not listed	Not listed

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United States

No	CAS No :	Common name and synonyms	IDLH NIOSH	Regulatory Limits			Recommended Limits	
				OSHA PEL		California / OSHA PEL	NIOSH REL	ACGIH ® 2019 TLV ®
				ppm	mg/m ³	8-hour TWA (ST) STEL (C) Ceiling	Up to 10-hour TWA (ST) STEL (C) Ceiling	8-hour TWA (ST) STEL (C) Ceiling
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	50	Not listed	Not listed	0.05 mg/m ³	Ca 0.05 mg/m ³	0.025 mg/m ³ (resp.) for alpha-quartz and cristobalite
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	5000	Not listed	15	Not listed	Ca (ultrafine particles) 2.4 mg/m ³ (fine) 0.3 mg/m ³ (ultrafine)	10 mg/m ³

IDLH: Immediately Dangerous to Life or Health Concentrations

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limits

California / OSHA: California Division of Occupational Safety and Health

REL: Recommended Exposure Limits

ACGIH ®: American Conference of Governmental Industrial Hygienists

TLV ®: Threshold Limit Values

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes: DO NOT WEAR CONTACT LENSES. Wear anti-splash safety goggles.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.

9. Physical and chemical properties

Physical state: Paste (viscous liquid)

Colour: Various

Odour: Odorless

Melting/Freezing point: < -20 °C (-4 °F)

Initial boiling point/boiling range: > 100 °C (212 °F)

Flammability: Not applicable

Lower flammable/explosive limit: Not applicable

Upper flammable/explosive limit: Not applicable

Flash point: Not applicable

Auto-ignition temperature: Not applicable

Decomposition temperature: Not applicable

pH: 7.5 to 9.0

Acid reserve: Not available

Alkali reserve: Not available

Kinematic viscosity: Not available

Solubility (in water): Not applicable

Partition coefficient – n-octanol/water (Log Kow): Not applicable

Vapour pressure: Not applicable

Density and relative density: Not available

Relative vapour density: Not applicable

Particle characteristics: Not applicable

10. Stability and reactivity

Reactivity: Stable under recommended conditions of storage and handling.

Chemical stability: The product is chemically stable under normal conditions of use.

Possibility of hazardous reactions: No dangerous or polymerization reactions will not occur under normal conditions of use.

Conditions to avoid: Avoid shock, friction, fire and other sources of ignition.

Incompatible materials: None known at room temperature.

Hazardous decomposition products: Carbon monoxide and dioxide.

11. Toxicological information

	Oral	Dermal	Inhalation gases	Inhalation vapours	Inhalation dusts/mists
ATE _{product}	5303.51 mg/kg	7617.34 mg/kg	N/A	> 20 mg/l	3.88 mg/l

No	CAS No :	Common name and synonyms	LD ₅₀ oral mg/kg	LD ₅₀ skin mg/kg	LC ₅₀ inhalation ppmV 4h - gases	LC ₅₀ inhalation mg/l 4h - vapours	LC ₅₀ inhalation mg/l 4h - dusts-mist
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	> 5000	> 5000	N/A	N/A	> 5.00
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	5000	5000	N/A	N/A	6.82

Routes of exposure: Not available.

Symptoms: No known symptoms.

Delayed and immediate effects: Contains crystalline silica. Prolonged exposure to respirable crystalline silica can aggravate diseases of the respiratory system and lungs and cause silicosis. The effects of silicosis can continue to develop even after the exposure ceases and they are irreversible. In addition, the progression of lung fibrosis can also lead to the development of lung cancer.

Aspiration hazard	N/A
Skin corrosion - Skin irritation	N/A
Serious eye damage - Serious eye irritation - Eye irritation	N/A
Skin sensitization	N/A
Respiratory sensitization	N/A
Specific target organ toxicity – single exposure	N/A
Specific target organ toxicity – single exposure Category 3 Narcotic effects	N/A
Specific target organ toxicity – single exposure Category 3 Respiratory tract irritation	N/A
Specific target organ toxicity – repeated exposure	Yes

No	CAS No :	Common name and synonyms	IARC	ACGIH	Mutagenicity	Effect on reproduction
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	1	A1	No effects shown.	No effects shown.
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	2B	A3	No effects shown.	No effects shown.

Cancer classification under IARC (International Agency for Research on Cancer)

Group 1: carcinogenic to humans.

Group 2A: probably carcinogenic to humans.

Group 2B: possibly carcinogenic to humans.

Group 3: not classifiable as to its carcinogenicity to humans.

Group 4: probably not carcinogenic to humans.

Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists)

Group A1: confirmed human carcinogen.
 Group A2: suspected human carcinogen.
 Group A3: confirmed animal carcinogen with unknown relevance to humans.
 Group A4: not classifiable as a human carcinogen.
 Group A5: not suspected as a human carcinogen.

12. Ecological information

Ecotoxicity

No	CAS No :	Common name and synonyms	%	Aquatic Ecotoxicity short term	Aquatic Ecotoxicity long term	Terrestrial Ecotoxicity
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	60.00 - 80.00	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	1.00 - 3.00	No known adverse effect to aquatic life.	No known adverse effect to aquatic life.	No known adverse effect to the environment.

Persistence and degradability. Bioaccumulative potential. Other adverse effects

No	CAS No :	Common name and synonyms	%	Persistent	Bio-accumulation	Aquatic ecotoxicity
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	60.00 - 80.00	Yes	No	No
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	1.00 - 3.00	Yes	No	No

Degradability: N/A

Mobility in soil: N/A

13. Disposal considerations

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

	TDG	DOT	IMDG	IATA
UN Number				
Proper shipping name				
Transport hazard class(es)				
Packing group				

Canada - ERAP

Not applicable

United States - Reportable Quantities (RQ)

Not applicable

Transport in bulk (according to Annex II of the International Convention for the Prevention of Pollution From Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78), and the International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code)):

N/A

Marine pollutant: Not applicable

Exemption for limited quantity: Not applicable

Other exemptions:

Special precautions: Not applicable

15. Regulatory information

Canada

No	CAS No :	Common name and synonyms	%	DSL	NDSL	NPRI
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	60.00 - 80.00	X		
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	1.00 - 3.00	X		

United States

No	CAS No :	Common name and synonyms	%	TSCA	PROP-65	RTK
1	14808-60-7	Silica crystalline. Silicon dioxide crystalline. Quartz	60.00 - 80.00	X	X	X
2	13463-67-7	Titanium dioxide, rutile. (C.I. pigment white 6)	1.00 - 3.00	X	X	X

The classification of the product and the SDS were developed in accordance with HPR 2015 and HCS 2024.

16. Other information

Date: 2025/02/05

Version: 1

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