

SAFETY DATA SHEET

PRO GROUT MAX 2.0

Version 01

Issue date: March 8, 2023

Printed date: March 8, 2023

1. IDENTIFICATION

Product identifier	PRO GROUT MAX 2.0
Other means of identification	Not available
Recommended use	Cementitious grout
Restrictions on use	Not available
Supplier's details	PROMA ADHESIVES INC 9801 Parkway Anjou, Québec, Canada, H1J 1P3 (514) 852-8585 info@proma.ca www.proma.ca
Emergency phone number	(613) 996-6666 (CANUTEC, Canada & USA)

2. HAZARD IDENTIFICATION

GHS classification of the mixture

Class	Category
Skin corrosion/irritation	3
Serious eye damage/eye irritation	2A
Skin sensitisation	1
Carcinogenicity	1A
Specific target organ toxicity, repeated exposure	1
Specific target organ toxicity, single exposure; respiratory tract irritation	3

GHS label elements

Hazard symbols



Signal word DANGER

Hazard statement

H316 Causes mild skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H336 May cause drowsiness or dizziness
H350 May cause cancer

Precautionary statements

Prevention

P203 Obtain, read and follow all safety instructions before use.
P260 Do not breathe dusts or mists.
P264 + P265 Wash hands thoroughly after handling. Do not touch eyes.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear eye protection/face protection
P332 + P317 If skin irritation occurs: Get medical help.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water and soap.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P319 Get medical help if you feel unwell.
P333 + P317 If skin irritation or rash occurs: Get medical help.

SAFETY DATA SHEET

PRO GROUT MAX 2.0



Version 01

Issue date: March 8, 2023

Printed date: March 8, 2023

	P337 + P317	If eye irritation persists: Get medical help.
	P362 + P364	Take off contaminated clothing and wash it before reuse.
<u>Storage</u>	P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up.
<u>Disposal</u>	P501	Dispose of contents/container to

3. COMPOSITION/INFORMATION ON INGREDIENTS

List of hazardous components

Chemical identity	CAS number	Concentration (%)	Classification
Crystalline silica, quartz	14808-60-7	30 – 60	<i>Carc. 1A, STOT RE 1</i>
Cement, portland	65997-15-1	5 - 10	<i>Skin Corr./Irrit. 2, Eye Dam./Irrit. 1, STOT SE 3</i>
Carbon black	1333-86-4	0 – 1,5	<i>Carc. 2</i>
Titanium dioxide	13463-67-7	0 – 1,5	<i>Carc. 2</i>

4. FIRST-AID MEASURES

Description of necessary measures

Inhalation	Immediately move the victim to fresh air and keep warm and at rest
Skin contact	Immediately remove contaminated laundry. Wash thoroughly skin with soap and water. If irritation develops, get medical attention.
Eyes contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Do not induce vomiting, get medical attention showing the SDS and the hazard label.

Most important symptoms/effects, acute and delayed Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
If you feel unwell, seek medical advice (show the label where possible).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Dry chemical powder, foam, water spray, carbon dioxide (CO₂)

Unsuitable extinguishing media Not available

Specific hazards arising from the chemical Do not inhale explosion and combustion gases. Burning produces heavy smoke.

Special protective equipment and precautions for fire-fighters Use suitable breathing apparatus. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Move undamaged containers from immediate hazard area if it can be done safely.

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. Provide adequate ventilation. Avoid direct contact. Avoid generating dust. See protective measures in section 7 & 8.

Environmental precautions Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Limit leakages with earth or sand.

Methods and materials for containment and cleaning up Collect and transfer to a closable container without splash or generating dust/mist. Dispose the material in accordance with the government regulations.

SAFETY DATA SHEET

PRO GROUT MAX 2.0



Version 01

Issue date: March 8, 2023

Printed date: March 8, 2023

7. HANDLING AND STORAGE

Precautions for safe 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, including any incompatibilities 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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical identity	Type	Control parameters	Reference
Crystalline silica, quartz	TWA (Respirable particulate matter)	0.025 mg/m ³	ACGIH
	TWA (Total dust)	30 mg/m ³ / %SiO ₂ +2	OSHA Z-3
	TWA (Respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
	TWA (Respirable dust)	0.05 mg/m ³	NIOSH REL
Portland cement	TWA (Respirable fraction)	1 mg/m ³	ACGIH
	TWA (Respirable fraction)	5 mg/m ³	NIOSH REL
	TWA (Total)	10 mg/m ³	NIOSH REL
	TWA (Respirable fraction)	5 mg/m ³	OSHA PEL
	TWA (Total dust)	15 mg/m ³	OSHA PEL
Carbon black	TWA (Respirable fraction)	3 mg/m ³	ACGIH
Titanium dioxide	TWA (Total)	10 mg/m ³	ACGIH
	TWA (Total dust)	15 mg/m ³	OSHA Z-1
	TWA (Total)	10 mg/m ³	OSHA P0
	TWA (Total dust)	10 mg/m ³	OSHA P0

Appropriate engineering controls Normally not required, if ventilation is adequate

Individual protection measures

Eye/face protection Safety glasses with side shields

Skin protection Use appropriate clothing to prevent skin contact, e.g. cotton, rubber, PVC or viton.
Use gloves chemically resistant to this material, e.g. PVC, latex, nitrile néoprène ou caoutchouc

Respiratory protection Normally not required if good ventilation is maintained. Avoid directly breathing dusts.

General protection Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid, powder	Decomposition temperature	No data available
Color	Various	pH	No data available
Odor	Odorless	Kinematic viscosity	No data available
Melting point/freezing point	No data available	Solubility in water	Insoluble
Boiling point and boiling range	No data available	Partition coefficient: n-octanol/water (log value);	No data available
Flammability	No data available	Vapour pressure	No data available
Lower and upper explosion limit/flammability limit	No data available	Density and/or relative density (water = 1)	No data available
Flash point	No data available	Relative vapour density (air = 1)	No data available
Auto-ignition temperature	No data available	Particle characteristics	No data available

10. STABILITY AND REACTIVITY

SAFETY DATA SHEET

PRO GROUT MAX 2.0



Version 01

Issue date: March 8, 2023

Printed date: March 8, 2023

Reactivity	Stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions
Possibility of hazardous reactions	None
Conditions to avoid	Stable under normal conditions
Incompatible materials	No data available
Hazardous decomposition products	No data available

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Acute toxicity of main components

Chemical identity	LD ₅₀	LC ₅₀
Crystalline silica, quartz	> 22 500 mg/kg (rat, oral)	Not available
Portland cement	Not available	Not available
Carbon black	> 8 000 mg/kg (rat, oral)	Not available
Titanium dioxide	> 10 000 mg/kg (rat, oral)	Not available

Inhalation	Non disponible
Skin corrosion/irritation	Non disponible
Serious eye damage/eye irritation	Non disponible
Respiratory or skin sensitization	Non disponible
Germ cell mutagenicity	Non disponible
Carcinogenicity	Non disponible
Reproductive toxicity	Non disponible
STOT-single exposure	Non disponible
STOT-repeated exposure	Non disponible
Aspiration toxicity	Non disponible

Substance(s) listed on the IARC Monographs

Crystalline silica, quartz	Group 1
Carbon black	Group 2B
Titanium dioxide	Group 2B

Substance(s) listed as NIOSH carcinogenic

Crystalline silica, quartz
Carbon black
Titanium dioxide

Substance(s) listed on the NTP report on Carcinogens

Crystalline silica, quartz	Known To Be Human Carcinogens
----------------------------	-------------------------------

12. ECOLOGICAL INFORMATION

Ecotoxicity Avoid release to the environment.

Chemical identity	Type	Results
Crystalline silica, quartz	Not available	LC50 (72 h) : >10 000 mg/L, Carp
Portland cement	Not available	Not available
Carbon black	Toxicity to fish	LC50 (96 h): > 1000mg/l, Brachydanio rerio (zebrafish)
	Toxicity to aquatic invertebrates	EC50 (24 h) > 5600 mg/l, Daphnia magna (waterflea)
	Toxicity to algae	EC50 (72 h) >10,000 mg/l, Scenedesmus subspicatus

SAFETY DATA SHEET

PRO GROUT MAX 2.0



Version 01

Issue date: March 8, 2023

Printed date: March 8, 2023

Titanium dioxide	Toxicity to fish	LC50 (96 h): > 1000 mg/l, Mummichog (Fundulus heteroclitus)
------------------	------------------	---

Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Other adverse effects	Not available

13. DISPOSAL METHODS

Disposal methods Any residue that cannot be recovered or recycled should be collected by an appropriate and approved waste disposal facility. State and local disposition regulations may differ from federal disposition regulations.

Do not re-use empty containers

14. TRANSPORT INFORMATION

USDOT UN Number
UN proper shipping name
Transport hazard class(es) Not regulated
Packing group

TDG UN Number
UN proper shipping name
Transport hazard class(es) Not regulated
Packing group

IATA UN Number
UN proper shipping name
Transport hazard class(es) Not regulated
Packing group

IMDG UN Number
UN proper shipping name
Transport hazard class(es) Not regulated
Packing group

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

15. REGULATORY INFORMATION

Canada - Federal regulations

DSL Crystalline silica, quartz
Portland cement
Carbon black
Titanium dioxide

USA - Federal regulations

TSCA Crystalline silica, quartz
Portland cement
Carbon black
Titanium dioxide

California Proposition 65 Crystalline silica, quartz
Carbon black
Titanium dioxide

SAFETY DATA SHEET

PRO GROUT MAX 2.0



Version 01

Issue date: March 8, 2023

Printed date: March 8, 2023

16. OTHER INFORMATION

Issue date March 8, 2023

Version 01

Other information Not applicable

Notice to reader The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This SDS cancels and replaces any preceding release.

Acronyms ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstract Services
DSL: Domestic Substances List
EC50: Effective concentration which causes an effect on 50 % of the studied population
GHS: Globally Harmonized System
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
IBC : Insurance Bureau of Canada
IMDG: International Maritime Dangerous Goods
LC50: Lethal concentration which causes 50 % of mortality in the studied population
LD50: Lethal dose, administered at one time, which causes the death of 50 % of the studied population
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
PVC: Polyvinyl chloride
REL: Recommended exposure limit
STOT RE: Specific target organ toxicity, repeated exposure
STOT SE: Specific target organ toxicity, single exposure
TDG: Transportation of Dangerous Goods
TSCA: Toxic Substances Control Act
TWA: Time Weighted Average
UN: United Nations
USDOT: U.S. Department of Transportation