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RP POLYMERIC SAND



Material Safety Data Sheets (MSDS)

Section 1 – Product Identification

Company Identification	.....	GROUPE PERMACON GROUP 8145 Bombardier Ville d'Anjou (Qc.) Canada H1J 1A5
24 hour Emergency Phone	.....	CHEMTREC – 1 800 424-9300
Chemical Family	.....	Silica & Granite
Product Use	.....	JOINT MATERIAL
Hazard Rating		
Health	.....	1
Fire	.....	0
Reactivity	.....	0

Section 2 – Composition – Ingredients Information

Ingredient	CAS #	%	Exposure Limit	LD ₅₀	LC ₅₀
Crystalline Silica (Quartz)	14808-60-7	Min 4%	0.05 mg/m ³ TWA ACGIH	Not available	Not available

Balance of ingredients are non-hazardous

Section 3 – Hazard Identification

Description	.....	Buff (beige, grey, ivory) colored granules, Slight odor.
Hazards	.....	WARNING! HARMFUL IF INHALED, OVEREXPOSURE MAY CAUSE LUNG DAMAGE, MAY CAUSE EYE IRRITATION. INHALATION CANCER HAZARD. CONTAINS QUARTZ WHICH CAN CAUSE CANCER. Risk of cancer depends upon duration and level of exposure.
Precautions	.....	Avoid breathing dust, contact with skin and eyes.
Primary Routes of Entry	.....	Eye, Inhalation, Skin Contact.
Signs and Symptoms of Exposure	Inhalation of quartz is classified as a human carcinogen. Chronic Exposure can cause silicosis, a form of lung scarring that can cause Shortness of breath, reduced lung fonction, and in severe cases, death. Inhalation may increase the progression of tuberculosis, susceptibility is apparently not increased. Persons with impaired respiratory fonction may be more susceptible of the effects of this substance. Smoking can increase the risk of lung injury.
Target Organs	Lungs

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Section 4 – First-aid Measures

- Ingestion** Get immediate medical attention.
Never give anything by mouth to an unconscious person.
Dilute with water. Keep patient warm and calm.
Induce vomiting only on the instructions of a health care professional.
- Skin** Remove contaminated clothing.
Rinse thoroughly with plenty of water.
If irritation occurs or persists consult a doctor.
- Inhalation** Remove victim to fresh air. If breathing is difficult or has stopped, a properly trained person should administer oxygen or artificial respiration.
Get immediate medical attention.
- Eyes** Immediately flush eyes with plenty of water, holding eyelids apart during flushing.
Obtain immediate medical attention.

In case of overexposure – Always bring a copy of the product MSDS to the Doctor.

Section 5 – Fire Fighting Measures

- Flash Point (°C)** Not applicable
- Flash Point Test Method** Not applicable
- Explosion Limits** Not applicable
- Fire and Explosion Hazards** None
- Fire Fighting Instructions** Wear self-contained breathing apparatus and full bunker gear.
- Extinguishing Media** Not required
- Hazardous Combustion Products** None

Section 6 – Accidental Release Measures

- Spill and Leak** Avoid generating dust. Wear respiratory protection. Sweep up or Vacuum and place in properly identified container.

Section 7 – Handling and Storage Procedures

- Handling Instructions** Avoid skin and eye contact. Avoid generation dust. **DO NOT BREATHE DUST.** Maintain good personal hygiene and wash thoroughly after handling, especially before eating, drinking or smoking. Wash contaminated clothing before reuse.
- Storage Measures** Store in a cool, dry and well-ventilated area. Keep containers tightly closed when not in use.

Section 8 – Exposure Control / Personal Protection

- Skin Protection** Wear protective gloves and long sleeve shirts to prevent skin contact.
- Eye Protection** Wear safety goggles.
- Respiratory Protection** In poorly ventilated areas or if the exposure limits described in section 2 are likely to be exceeded then wear a high efficiency particulate Respirator (NIOSH type N100 filter).
- Engineering Controls** Adequate local exhaust ventilation at point of emission.

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Section 9 – Physical and Chemical Properties

Physical State	Solid (Powder)
Colour	.....	Beige, Grey, Ivory
Odour	.....	None
Odour Threshold	.....	None
Solubility in Water	.....	Insoluble
Vapour Pressure	.....	Not applicable
Evaporation Rate	.....	Not applicable
Vapour Density	.....	No data
Specific Gravity	.....	2.65
Boiling Point (°C)	.....	2230 ⁰
Freezing/Melting Point (°C)	.....	1710 ⁰
pH	.....	No data
Volatiles (%)	.....	<1.0
Coefficient Water/Oil	.....	No data

Section 10 – Stability and Reactivity Information

Conditions to Avoid	.....	Exposure to excessive heat.
Material to Avoid	.....	Strong alkalis, hydrofluoric acid, powerful oxidizers, and fluorine containing compounds.
Stability	.....	Product is stable in non-emergency conditions.
Hazardous Polymerization	.....	Will not occur.
Hazardous Products of Decomposition	.....	Will not occur.

Section 11 – Toxicological Information

LD ₅₀ (species/route)	.....	266 000 mg/kg rat
LC ₅₀ (species/duration)	.....	50 000 mg/m ³ rat (96 hours)
Exposure Limits	.....	See Section 2
Irritation	.....	Mild
Sensitization	.....	None reported
Carcinogenicity	.....	No potential occupational carcinogen. IARC Category 1 Carcinogen NTP!: Yes
Reproductive Effects	.....	No reported
Teratogenicity	.....	No reported
Mutagenicity	.....	No reported
Synergistic	.....	No reported

Section 12 – Ecological Information

Environmental Fate	No data at this time
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Section 13 – Disposal Instructions

Waste Disposal Method	Dispose in a manner consistent with local, regional, provincial and/or Federal regulations.
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Section 14 – Transport Information

Proper Shipping Name Not regulated
UN # Not applicable
Class(es) Not applicable
Packaging Group Not applicable
Other information None
Transport Emergency In the event of a transport emergency contact CHEMTREC at 1 800 424-9300.

Section 15 – Regulatory Information

WHMIS Classification Not controlled
CEPA Status Appears on the DSL
TSCA Appears on the TSCA Inventory
Other This product is know to the State of California to cause cancer.

Section 16 – Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Section 17 – Other Information

MSDS # 2003-01 **Revision #** 4 **Revision Date** May 2014