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MATERIAL SAFETY DATA SHEET

PRODUCT: Q-CEL INORGANIC MICROSPHERES

Not classified as hazardous according to criteria of Worksafe Australia

UN NO:	None Allocated	D.G.CLASS:	Not Regulated	CAS NO:	Not Regulated
HAZCHEM:	Not Regulated	SUB. RISK:	Not Regulated	SUSDP:	Not Regulated
G.T.EPG:	Not Regulated	SPEC.EPG:	Not Regulated	PACK. GRP:	Not Regulated

PRODUCT IDENTIFICATION

CORRECT SHIPPING NAME:

Non Dangerous Good

OTHER NAMES:

None

TRADE NAMES:

Q-CEL Inorganic microspheres

MANUFACTURER

PQ AUSTRALIA

INGREDIENTS:

CHEMICAL ENTITY:	CAS NO:	EINECS NO:	PROPORTION:
Silicic acid, sodium salt	1344-09-8	2156874	>85%
Boric acid, sodium salt	7775-19-1	2156041	<15%
Siloxane	63148-57-2	EINECS exempt	<0.5%

PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE:

Dry white powder.	Odourless.
BOILING POINT:	Not determined
VAPOUR PRESSURE:	Not determined
SPECIFIC GRAVITY:	< 1
FLASH POINT:	This material is non combustible
FLAMMABILITY LIMITS:	Not relevant
AUTOIGNITION TEMP:	Not relevant
pH:	Not applicable

OTHER PROPERTIES:

SOLUBILITY IN WATER: Immiscible

USE:

General chemical



HEALTH HAZARD INFORMATION

ACUTE EFFECTS

SWALLOWED:

May cause slight irritation to mouth, throat and stomach.

EYE:

Dusts can cause physical irritation to eyes.

SKIN:

May cause dry skin and mild irritation.

INHALED:

Exposure to the dust may cause slight respiratory irritation.

CHRONIC EFFECTS

Prolonged or repeated skin contact may cause dry skin. Defatting of the skin can result in irritation and dermatitis (inflammation of the skin).

FIRST AID

SWALLOWED:

Immediately rinse mouth with water. Repeat until product is thoroughly removed. Give plenty of water to drink.

EYE:

Rinse with plenty of water for at least 15 minutes. Eyelids to be held open. Get medical attention if irritation persists.

SKIN:

Wash with soap and water. Get medical attention if irritation develops or persists.

INHALED:

If inhaled remove to fresh air. Apply artificial respiration if not breathing.

FIRST AID FACILITIES:

Safety shower and eye wash facilities.

ADVICE TO DOCTOR:

Treat symptomatically as for physical irritation.



PRECAUTIONS FOR USE

Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short-term exposure limit (STEL).

Exposure standards have not been established by Worksafe Australia but the following should be used as a guideline.

EXPOSURE STANDARDS:

	TWA		STEL	
	ppm	mg/m3	ppm	mg/m3
Inhalation	-	10	-	-

ENGINEERING CONTROLS:

Avoid generating and inhaling dusts. Use in a well-ventilated area.

PERSONAL PROTECTION:

Avoid inhaling the dust. Follow normal industrial safety practices. The use of protective clothing and equipment depends on the degree and nature of exposure. The following personal protective equipment should be used:

- (1) Safety glasses, goggles or faceshield as appropriate
- (2) Leather gloves
- (3) Chemical resistant safety boots
- (4) Overalls
- (5) Filtered air respirator with particulate filters (for high dust levels).

Wash contaminated clothing and protective equipment before storing and re-using. The use of barrier cream is recommended.

Where applicable refer to the following Standards:

- | | |
|-------------|--|
| AS/NZS 1337 | Eye protectors for industrial applications |
| AS 2161 | Industrial safety gloves and mittens |
| AS 2210 | Safety footwear |
| AS 3765 | Clothing for protection against hazardous chemicals. |
| AS 1715 | Selection, use and care of respiratory protection devices. |
| AS 1716 | Respiratory protection devices. |

FLAMMABILITY:

Non combustible solid.

ENVIRONMENT:

Not Regulated



SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

Store in a secure and dry position to prevent deterioration.

SPILLS AND DISPOSAL:

SPILLS:

Wear personnel protection equipment. Carefully pick or sweep up material and seal in properly labelled drums for disposal or recycle.

DISPOSAL:

Landfill according to local regulations.

FIRE/EXPLOSION HAZARD:

Solid, not flammable under normal conditions of use.

Compatible with dry chemical, water spray, regular foam and carbon dioxide fire extinguishing media.

Fire fighters to wear full protective clothing.

REACTIVITY DATA:

Stable

OTHER INFORMATION

Contact Point:

Technical Manager:

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