

# SAFETY DATA SHEET

Product: Epigen HG Aggregate Page 1 of 3 Date of Issue: January 2012

Hazardous according to criteria of Worksafe Australia

## 1 PRODUCT & COMPANY UNDERTAKING IDENTIFICATION

Product Name: EPIGEN HIGH GRADE AGGREGATE  
Major Recommended Use: Filler for use with Epigen 2917  
Company: Peerless Industrial Systems Pty Ltd  
ABN: 14 097 615 391  
Address: PO Box 407 Cloverdale WA 6985 AUSTRALIA  
Telephone Number: 61 (08) 9477 3788  
Fax Number: 61 (08) 9477 3766  
Email: service@peerlessindustrialsystems.com

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion	Classification
Silica Quartz	14808-60-7	<100%	R20 R36/37
Description	Milled Silica Sand		

## 3 HAZARDS IDENTIFICATION

Harmful by inhalation (R20). Irritating to eyes and respiratory system (R36/37).

**SUSDP:** No Data

**ADG CLASS:** Not Regulated

**Signs and Symptoms of Exposure (Acute effects):**

**Swallowed:** Ingestion may cause: Irritation.

**Eye:** Contact with eyes can cause irritation and discomfort.

**Skin:** No known effects.

**Inhaled:** Prolonged exposure to respirable (sub 10µm) free crystalline silica (dust) may cause serious lung disease, eg Silicosis and may increase the risk of later development of lung cancer.  
Danger of serious damage to health by prolonged exposure.

**Chronic:** As per Inhalation.

## 4 FIRST AID MEASURES

**Swallowed:** Wash out mouth with water. If irritation develops and persists seek medical advice.

**Eye:** Immediately flush with plenty of water for at least 15 minutes. Retract eyelids often. Seek medical advice if irritation persists.

**Skin:** Wash skin thoroughly. Seek medical advice if irritation develops.

**Inhaled:** Blow nose to remove excess dust. Move patient to fresh air and ensure airways are clear. Give oxygen if breathing has stopped or is laboured. Seek medical advice.

**First Aid Facilities:** Eyewash fountains should be available for emergency use.

**Advice to Doctor:** Prolonged or repeated aspiration of material may cause lung disease.

## 5 FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Material will not support combustion.

**Special Exposure Hazards (fire fighting):** Material will not support combustion. Protect against airborne dust.

**Special Fire Fighting Procedures:** Firefighters should wear a self contained breathing apparatus.

## 6 ACCIDENTAL RELEASE MEASURES

**Precautions:** Wear respiratory protection and eye protection.

**Methods for Cleaning Up:** Dampen material and collect to closed containers. Consult local regulations.

## 7 HANDLING &amp; STORAGE

**Handling:** Avoid inhaling dust. Where dust is probable, use dust filter mask or respirator.

**Storage:** Keep in closed containers.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Standards:** No data.

**Engineering Controls:** Conventional airflow is generally considered to be acceptable.

**Hand Protection:** No special precautions required.

**Eye Protection:** Where dusting is probable, wear eye goggles.

**Skin Protection:** No special precautions required.

**Flammability:** Non flammable

## 9 PHYSICAL &amp; CHEMICAL PROPERTIES

Appearance:	Pale powder
Smell:	None
pH:	No data
Boiling Point (@760mm Hg):	No data
Melting Point:	No data
Flashpoint (°C):	None combustible material
Flammability:	None combustible material
Ignition Temperature:	None combustible material
Explosive Properties:	None combustible material
Explosive Limits:	None combustible material
Oxidising Properties:	No data
Vapour Pressure (mm Hg):	No data
Vapour Density:	No data
Solubility in Water:	Insoluble
Solubility in Ethanol:	Insoluble
Solubility in n-Octanol:	Insoluble
Partition Coefficient n-Octanol/Water	Insoluble
Specific Gravity:	No data
Per cent Volatiles:	0%
Volatile Organic Compounds:	0%

## 10 STABILITY &amp; REACTIVITY

**Conditions to Avoid:** No special requirements.

**Incompatibility (Materials to Avoid):** None known

**Hazardous Decomposition Products:** Will not occur

**Hazardous Transformation Products:** Will not occur.

## 11 TOXICOLOGICAL INFORMATION

**Acute Oral Toxicity (LD50, rat):** No data.

**Acute Dermal Toxicity (LD50, rabbit):** No data.

**Acute Inhalation Toxicity (LC50, rat):** No data.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** No data.

**Environmental Fate:** No data.

## 13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations. Wear respiratory protection during disposal operations. If disposal by a waste contractor, make sure that he has sufficient information and that waste containers are properly labelled.

## 14 TRANSPORT INFORMATION

**ADR/RID Shipping Data:** Not regulated.

**IMO Shipping Data:** Not regulated.

**ICAO/IATA Shipping Data:** Not regulated

## 15 REGULATORY INFORMATION

**EEC Symbol:** Harmful (Xn)

**EEC Council Directives relating to the classification, packaging and labelling of dangerous substances and preparations Risk (R) and Safety (S) phrases:** Harmful by inhalation (R20). Irritating to eyes (R36).

Do not breath dust (S23). Wear suitable eye/face protection (S37/39).

## 16 OTHER INFORMATION

This Safety Data Sheet has been written to comply with Directives 93/112/EEC and 88/379/EEC

Intended Use: Epoxy Resin for Curing Agent

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the material are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising from or in any way connected with the handling, storage, use or disposal of the material