

SAFETY DATA SHEET

KLINGERSIL C-8200

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1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name KLINGERSIL C-8200

Other Names Compressed Non Asbestos Fibre Sheeting/Joining/Gaskets

Recommended Use High Temperature Gasket Material

Supplier KLINGER Limited (ABN 95 008 679 838)
38 McDowell St
Welshpool
WA 6106
AUSTRALIA
Tel +61 (0)8 9251 1600 or 1300 798 279
(0800 – 1700 Australian Western Standard Time – GMT +8 hrs)
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2 - HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of **Safe Work Australia** and **GHS (Globally Harmonized System of Classification and Labelling of Chemicals)**.

Classification according to GHS: Not Classified

GHS Label Elements: Not Applicable for these products.

Other Hazard Information: The product is considered harmless to health and the environment in the form supplied and if stored and handled in the correct manner – see Section 7. No hazards are known based on present information.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS	Proportion
China Clay	1332-58-7	40 - 46%
Glass Fibre	65997-17-3	14 - 20%
Hypalon(Chlorosulfonated Polyethylene)	68037-39-8	23 - 28%
Aramid Fibre	26125-61-1	4 - 9%
Silicon Dioxide(Precipitated Silica)	112926-00-8	6 - 10%

4 - FIRST AID MEASURES

Inhalation	Dust arising from working the product should be treated as nuisance particulate material. Inhalation of dust may cause irritation to the mucous membranes and upper respiratory tract. Movement of exposed individual to fresh air is recommended.
Skin	May cause irritation to individuals with sensitive skin. Wash skin with soap and water. Launder heavily contaminated clothing before reuse. If prolonged irritation occurs, seek medical advice.
Eye	May cause mechanical irritation in contact with eyes. Remove small solid particles and rinse with water for a minimum of 15 minutes. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion	Not hazardous. Not a likely source of exposure. If ingested, give plenty of fluid to assist passage through system. Seek medical attention if irritation occurs.

5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water, carbon dioxide, powder extinguishers, foam extinguishers
Hazards from Combustion Products	In case of combustion, the same gases are produced as with burning rubber. The following may be produced in case of fire: Carbon monoxide; carbon dioxide; sulphur oxides; nitrous gases (NO _x); irritating/caustic, combustible as well as poisonous carbonisation gases.
Precautions for Firefighters and Special Protective Equipment	Breathing apparatus and eye protection must be worn to protect from dust and fumes.

6 - ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Fire: See Section 5 Personal: See Section 4 Environmental: No known environmental hazards exist.
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Methods and Materials for

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Containment and Cleanup

Approved vacuum cleaners with high efficiency filters (HEPA) conforming to AS3544 or equivalent must be used to clean areas. Spills which involve powder, dusts or granules may create a slip hazard and should be cleaned up immediately. Sweep up but avoid generating dusts.

Additional

In the case of improper use (see Section 8) fine dust may result. Adequate suction and filtering of the exhaust air should be ensured.

7 - HANDLING AND STORAGE

Handling

No special precautions necessary when handling the material in its finished form. However, whenever further processing of the product is undertaken, potential for the generation of dust exists. See Section 8.

Storage

Store in a cool, dry, well ventilated area removed from foodstuffs. Material is only flammable through the effects of intensive heat. Excessive heat in the storage area may diminish the product's performance in its intended application.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards (Time-Weighted Averages)

Precipitated Silica:	10mg/m ³ ES-TWA
Alumina Silicate:	10mg/m ³ ES-TWA
Glass Fibre :	0.5fibre/mL ES-TWA
Aramid Fibre:	0.5fibre/mL ES-TWA

(Recommended - Note that Aramid fibre has no current assigned exposure standard, however as a general safety precaution the above guideline may be used.)

Biological Limit Value

No Biological Limit Value allocated.

Engineering Controls

Ensure adequate ventilation exists to maintain air concentrations below exposure standards. Do not inhale dust. Use localised extraction or wet methods of work to control dust levels.

Personal Protective Equipment

No special precautions necessary when handling the material in its finished form. However, whenever further

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processing of gaskets is undertaken, the potential for the release of particulates that may cause mechanical abrasion exists. In the case of particle generation exceeding the above-noted National Exposure Standards, recommended PPE are rubber/PVC gloves, coveralls, safety glasses and a P2 particulate (AS1716 or equivalent) respirator. When removing embrittled or spent material or when high levels of dust exist a full-face class H particulate cartridge respirator or full-face positive pressure demand airline respirator (AS1716 or equivalent) is recommended. Good hygiene practices must always be maintained.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form: Sheets or cut gaskets
	Colour: White both sides & Cut Edge
Odour	May smell slightly of rubber (gummy)
Change in state:	Not known
Decomposition of elastomer:	Over 300°C
Ignitability of solid material:	Not known
Ignition temperature:	Not Known
Ignition temperature:	Not Known
Self-igniting solid material:	Not self-igniting
Fire promoting properties:	Self-burning
Danger of explosion:	None
Explosion limits:	Not applicable
pH	Not applicable
Vapour Pressure	Not applicable
Boiling Point/Range	Not applicable
Freezing/Melting Point	Not applicable
Flashpoint	Not known
Solubility (water)	Insoluble
Specific Gravity/Density	1.75 g/cm ³ (at 25°C)

10 - STABILITY AND REACTIVITY

Conditions to be avoided:	Temperatures >450°C
Materials to be avoided:	Not known
Dangerous decomposition products:	Hydrogen Cyanide
The following can result in case of fire:	Carbon monoxide, carbon dioxide, sulphur oxides and

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nitrous gases (NO_x), irritating/caustic,
combustible as well as poisonous carbonisation
gases.

The product is stable under standard conditions.

11 - TOXICOLOGICAL INFORMATION

In the case of intended use no toxicological effects are known.

12 - ECOLOGICAL INFORMATION

12.1 Information on elimination (Persistency and degradability):

Degree of elimination: Not known
Persistency: Biologically not degradable (self-classification)

12.2 Mobility and (bio) accumulation potential:

Water insoluble, fat insoluble, no in vivo resorption, bonding or accumulation known

12.3 Exotoxilogical Effects: Not known

Additional notes: Insoluble in water.

13 - DISPOSAL CONSIDERATIONS

Disposal Methods No special requirements exist. Dump on industrial depositories. Seal waste dust in heavy duty plastic bags (200 microns minimum). Do not dispose of in an incineration system under any circumstance. Local, state and federal statutory regulations must be observed.

Special Precautions Not applicable

14 - TRANSPORT INFORMATION

UN Number None allocated

UN Proper Shipping Name None allocated

Class and Subsidiary Risks Not relevant

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Packing Group	Not relevant
Special Precautions for User	Do not transport with Explosives, Oxidising agents, Organic peroxides and foodstuffs. In sheet and cut gasket form there is no risk associated with the product under normal transport conditions. Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Hazchem Code	None allocated

15 - REGULATORY INFORMATION

Regulations for dangerous materials not applicable.

16 - OTHER INFORMATION

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