

Trade name: **PROMACLEAR® 120**

1. Identification of the product and of the company

Product name: PROMACLEAR® 120
Intended Product use: Soda-lime silicate glass used for fire protection fulfilling integrity only criteria according to relevant standard. For internal use only, i.e. screen, doors.
Company
Comp : Promat International (Asia Pacific) Ltd.
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2. Composition / Information on ingredients

Description: Integrity only glass used in preventive fire protection.
Chemical characterisation This product is a manufactured article, not a substance nor a preparation.
It is manufactured using soda-lime based material.

3. Hazard Identification

Indication of the hazards: The installed product in its final application: no hazards known.

If the glass is worked any dust generated should be considered as a nuisance particulate.

4. First aid measures

Inhalation: If affected by upper respiratory tract irritation, remove to fresh air.
Ingestion: Not applicable.
Skin contact: Rinse the skin thoroughly with mild soap and water. If irritation persists, seek medical advice.
Eye contact: Do not rub the eye, flush copiously for at least 15 minutes. If eye irritation or inflammation persists, seek medical advice.

The above refers to exposure to glass dust generated by process operations.

Trade name: **PROMACLEAR® 120**

5. Fire fighting measures

Additional Information: The product is non-combustible.

6. Accidental spill / release measures

Methods for cleaning up: Shovel up small pieces whilst wearing protective clothing suitable for preventing laceration.

7. Handling and storage

The greatest risk in the handling and storage of glass is through laceration. Appropriate precautions to prevent the risk of this should be taken i.e. eye protection, cuffs, gloves, foot protection, head protection if handling above head height, etc., where appropriate.

8. Exposure controls / Personal protection

When working glass exposure to dust may occur. Appropriate occupational exposure standards are 10mg/m³ total inhalable dust (8 hour time weighted average) and 4mg/m³ for respirable dust (8 hour time weighted average).

Trade name: **PROMACLEAR® 120**

Engineering controls:	Ensure vacuum dust exhaust with correct filter when using motorised machining tools.
Personal protection:	Avoid breathing dusts. Avoid eye and skin contact. Wear personal protective equipment appropriate to the task. (See below)
- Respiratory protection:	Use approved individual respirators (e.g. disposable P2 types) whenever occupational exposure levels are or can be foreseen to be exceeded.
- Eye protection:	Use safety glasses whenever tools are used and dusts are produced.
- Skin protection:	Use working clothes and gloves to protect against mechanical injury and direct skin contact.

9. Physical and chemical properties

Appearance:	Clear rigid glass.
Colour: transparent	Odour: None
Important safety parameters:	
Boiling point / boiling range:	N.A.
Melting point / melting range:	N.A.
Flash point:	N.A.
Flammability (solid, gaz):	N.A.
Flammability temperature:	N.A.
Auto-flammability:	N.A.
Explosive properties (danger and limits):	N.A.
Oxidizing properties:	N.A.
Vapour pressure:	N.A.
Relative density:	ca. 2500kg/m ³
Solubility:	
- water solubility:	Insoluble
- fat solubility:	N.A.
pH value:	10
Partition coefficient (n-octanol/water):	N.A.
Viscosity:	N.A.

10. Stability and reactivity Glass stable and unreactive.

11. Toxicological information

Exposure to excessive concentrations of glass dust may cause irritation to the upper respiratory tract e.g. coughing etc. These effects will cease once exposure has stopped.

12. Ecological information

Glass and glass dust are persistent materials and are unlikely to migrate.

No adverse environmental/ecological effects are foreseen.

Trade name: **PROMACLEAR® 120**

13. Disposal considerations

Product disposal:	Handle as construction industry waste and dispose in accordance with local legislation.
Packaging disposal:	Dispose according to local legislation.

14. Transport information

Road transport:	Product is not classified as dangerous.
Inland shipping transport:	Product is not classified as dangerous.
Sea shipping transport:	Product is not classified as dangerous.
Air transport:	Product is not classified as dangerous.

15. Regulatory information

EH40/2002 Occupational Exposure Limits 2002.

16. Other information

The recommendations for use and installation of PROMACLEAR® 120, of various fire protection systems, have to be followed as indicated in the Promat Handbook.

The health and safety information contained herein is believed to be accurate and correct based on our current knowledge at the date of issue and no liability can be accepted for any loss, injury or damage resulting from its use. It is intended as a guide for the safe handling, storage and use under normal conditions, but does not necessarily refer to the particular requirements of a customer when further advice should be obtained.

This data sheet and the information it contains is not intended to supersede any terms or conditions of sale and does not constitute a specification. Nothing contained herein is to be construed as a recommendation for use in violation of any patent or applicable laws or regulations.