

SAFETY DATA SHEET

CB60 F



Section 1. Identification of the material and the supplier

Product: **CB60 F**
Product Use: Is ideal for linear seals that require high degree of movement and may be used for gaps up to 350mm wide.
Restriction of Use: Refer to Section 15

New Zealand Supplier: **RYANFIRE Products Ltd**
Address: 11 Ashfield Road
Wairau Valley
Auckland, 0627

Telephone: +64 9 443 0362
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 6 May 2024

Section 2. Hazards Identification

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Fiberglass	To 100	65997-17-3
Polyurethane/Silicon rubber		

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: If eyes become irritated, flush immediately with lukewarm water for 15 minutes. Seek medical assistance if needed.

If on Skin: If skin becomes irritated, do not rub or scratch. Wash the affected area with soap and water. Seek medical assistance if needed.

If Swallowed: Not considered a route of exposure.

If Inhaled: Remove from further exposure. If Cough or other symptoms develop, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms:

Ingestion: Ingestion of this product is unlikely. However, ingestion may produce gastro-intestinal irritation and disturbances.

Inhalation: Mechanical irritation of the mouth, nose and throat.

Skin: Exposure to this product may cause temporary irritation to the skin. Itching and possible inflammation are a mechanical reaction to the fibers and are not damaging in the way that chemical irritants may be.

Eye: Dust from this product may cause temporary mechanical irritation to the eyes.

Chronic: Chronic respiratory or skin conditions will not improve and may worsen with exposure to this product.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable/Non-Combustible
Hazards from combustion products	None known
Suitable Extinguishing media	Dry chemical, foam, carbon dioxide, and water fog.
Precautions for firefighters and special protective clothing	Use normal firefighting procedures.
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

Pick up any large pieces. Use high efficiency vacuum to clean up spilled material. Use wet sweeping where sweeping is necessary. Do not use compressed air for clean-up. Clean-Up Procedures: Collect material and place in a suitable container for disposal as non-hazardous waste. Dispose as per Section 13.

Section 7. Handling and Storage

Precautions for Handling and Storage:

- Handling and use in a manner consistent with good industrial & manufacturing techniques and practices.
- Store in un-opened containers under cool and dry conditions.
- Storage temperatures should not exceed 35°C

Typical Benefits:

- Tested to AS1530.4:2014
- Easy installation.
- Shower resistant seismic seal.
- Up to 60min FRR.

Application:

- CB60F is installed within large seismic linear gaps in concrete floors. Cut the CB60F to size according to the movement required. The CB60F is secured into place with 25mm wide stainless steel flat bar. For joints, overlap the 2 pieces by 100mm and stitch together using stainless steel thread, 25mm from each edge. Ryanfire Ryansil may be used to provide an additional water resistant seal along the edges

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³

No data available.

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14TH EDITION.

Engineering Controls

Product Name: CB60 F
Date of SDS: 6 May 2024

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
Tel: 64 9 475 5240 www.techcomp.co.nz

If dust is generated, provide local exhaust ventilation to control airborne levels below ACGIH TLV-TWA exposure. Particular care should be taken when working with material that has been in service to minimize dust. If exposure limits are exceeded or if irritation is experienced, approved respiratory protection should be worn.

Personal Protection Equipment



Eyes	Wear safety glasses with side shields or goggles when handling this material.
Skin	Use appropriate workplace clothing and procedures when using this material
Respiratory	If airborne dust is present, use a NIOSH approved particulate respirator. (3M 8710) Comments This product contains no known OSHA hazardous ingredients per 29 CFR 1910.1200.

Section 9 Physical and Chemical Properties

Appearance	Flexible cloth
Colour	Grey
Product size	Rolls of : 400mm x 10m 600mm x 10m
Odour	Odourless
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Working Temp	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	Not available
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Kinematic Viscosity	Not available
Particle Characteristics	Not available

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to Avoid	Not available
Incompatible Materials	Not available
Hazardous Decomposition Products	Not available

Section 11 Toxicological Information

Direct exposure to fiberglass or exposure to fiberglass dust may irritate the skin, eyes, nose, and throat. Fiberglass may cause itching due to mechanical irritation from the fibers. Breathing fibers may irritate the airway resulting in coughing and a scratchy throat.

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicable.
Skin	Not applicable.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	Not applicable.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method: Dispose of according to local regulations

Precautions or methods to avoid: None known.

Section 14 Transport Information

This product is NOT classified as a Dangerous Good for transport in NZ ; NZS 5433:2020

Section 15 Regulatory Information

This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020.

Section 16 Other Information

Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority

HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices Nov 2023 14th edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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