

SAFETY DATA SHEET

RYANSPAN PRO



Section 1. Identification of the material and the supplier

Product: **Ryanspan Pro**
Product Use: Ryanspan Pro can be used for slab edge protection in combustible floors, and can be installed prior to any cladding put in place.
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. This product is considered a Manufactured Article.

Section 3. Composition / Information on Hazardous Ingredients

Ryanspan Pro is a very pliable laminated strip consisting of multiple layers of intumescent graphite sandwiched between layers of combustion modified foam that has a stainless steel carrier.

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Not considered a route of exposure.

If on Skin Wash with plenty of soap and water.

If Swallowed Not considered a route of exposure.

If Inhaled Not considered a route of exposure.

Most important symptoms and effects, both acute and delayed

Symptoms: None known.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable/Non-Combustible
Hazards from combustion products	None known
Suitable Extinguishing media	Use media suitable for surrounding materials
Precautions for firefighters and	No special precautions or clothing needed beyond fire BA

special protective clothing	
HAZCHEM CODE	None Allocated

Section 6. Accidental Release Measures

Wear PPE as detailed in Section 9.

Avoid release to the environment.

Sweep up and reuse if possible. If not, dispose of according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling/Installation and Storage:

- Ryanspan Pro is used to provide a soft seal to movement joints. Please contact the technical department for specific and more detailed "V" drawings.

Typical Benefits:

- Ryanspan Pro can be installed both vertically and horizontally.
- Tested to AS1530.4:2014
- Easy to install.
- Up to 120min FRR

Typical Configuration Types:

- Ryanspan Pro provides a high level of movement and is suitable for gaps up to 150mm and provides up to 2 hours fire protection. It is a quick and easy solution to install with minimal mess and clean-up.

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 ingredients have exposure limits.

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

Not required.

Personal Protection Equipment:

Eyes	It is always good practice to wear safety glasses when handling.
Skin	It is always good practice to wear protective gloves when handling.
Respiratory	Not required.

Section 9 Physical and Chemical Properties

Appearance	Ryanspan Pro is a very pliable laminated strip consisting of multiple layers of intumescent graphite sandwiched between layers of combustion modified foam that has a stainless steel carrier.
Colour	Black

Product Name: Ryanspan Pro
Date of SDS: 6 May 2024

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

Sizes	60mm x 100mm x 1m
Odour	Characteristic
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	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
Viscosity - Dynamic	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	No dangerous reactions known under normal conditions of use.
Conditions to Avoid	None known.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 Toxicological Information

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

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in 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. This product is considered a Manufactured Article.

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.

Issue Date: 6 May 2024

Review Date: 6 May 2029