

WEATHERSEAL®

Material Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: WeatherSeal

Other names: Air Dry Intumescent Sealer

Recommended use: Weather sealer for intumescent coatings during construction phase.

Product codes: Not Assigned

Supplier: Fireshield, a division of Fire Protection Coatings Limited

NZBN: 9429041746059

Address: Level 1, 60 Cashel Street, Christchurch 8013, New Zealand

Contact Number: Ph: 0800 FIRESHIELD (0800 347374)

Email: info@fireshieldcoatings.com

Website: www.fireshieldcoatings.com

Emergency Number: Ph: 111- Police, Ambulance and Fire Brigade

Poison Information Centre: Ph: 0800764766

2. HAZARDS IDENTIFICATION

HSNO approval code: HSR002669

HSNO Classifications: 3.1C , 6.1E , 6.3A , 6.4A , 6.5B , 6.7B , 6.8B , 6.9B , 9.1B , 9.2A

Harmful
Flammable Liquid
Dangerous Goods

3. COMPOSITION

Ingredient	% by weight	TLV (TWA)	
Xylene	4.0%	217 mg/m3	50ppm
Hydrocarbon 150	20.0%	No est	100ppm
SBS Hydrocarbon	11.0%	1600 mg/m3	400ppm

4. FIRST AID MEASURES

Inhalation: Bring patient to fresh open air. If breathing difficult give oxygen.

Skin contact: Wash with soap and water. Remove and launder contaminated clothing before reuse.

Eye contact: Flush with water lifting lids occasionally. Seek medical attention.

Ingestion: Do not induce vomiting. Keep patient warm and quiet. Seek medical attention immediately. Rinse mouth with water.

First Aid Facilities: Eyewash and normal washroom facilities and consumables.

Notes to physician: Treat symptomatically. Aspiration is the main danger. Enforce bed rest and

observe carefully. Prophylactic antibiotics useful. Observe for chemical pneumonitis. Gastro-intestinal absorption is significant with hydrocarbon solvents. For large ingestions cuffed endotracheal tube is recommended.

5. FIRE-FIGHTING MEASURES

Flashpoint	37 degrees Celsius
Flammability Limit	1.0 (Lower)
Extinguishing Media	Foam, carbon dioxide , dry chemical.
Hazardous Composition Products	May form toxic materials such as Carbon Monoxide and Carbon Dioxide.
Special Firefighting Procedures	Call Fire Service and tell them of location and nature of hazard. Water or Foam may cause frothing that can be violent, especially if sprayed into containers of hot burning liquid. Self-contained breathing apparatus with full face piece should be used. Closed containers can be kept cool by water spray. Make sure of adequate supplies of extinguishing material available.
Unusual fire and Explosion Hazards	Vapours are heavier than air and may travel along ground and move by ventilation and ignite at a point far from the source. Sumps and drains should be checked for signs of accumulation.
Firefighting Personal Protective Equipment	Full protective clothing and self-contained breathing apparatus. Water rinse shower available.

6. ACCIDENTAL RELEASE MEASURES

Minor Spills	Eliminate all sources of Ignition. Stop leak at source. Dyke area of spillage. Absorb with sand or other absorbent inert material.
Major Spills	Clear are from all public and personnel. Call fire service and advise on the nature of hazard. Ensure spill is contained however if spill enters waterways directly or through drains advise local environment protection authority.
Disposal	Destroy by controlled incineration by approved waste disposal group or use an authorised disposal area.

7. HANDLING AND STORAGE

Handling	Use in well ventilated area away from any source of ignition. Wear safety glasses, nitrile gloves, overalls, and approved cartridge respirator when spraying.
Storage	Store in a cool, authorised room away from any source of accidental ignition, or any oxidising agents.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls	Contains > 20 % Aromatic Hydrocarbon solvent. Make sure level maintained below TLV of 50 ppm or provide personal protective equipment to suit.
Personal Protective Equipment	<ul style="list-style-type: none">▪ Vapour Respirator▪ Splash Goggles▪ Gloves (Nitrile)▪ Synthetic Apron▪ Vapour Respirator

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Odour	Hydrocarbon
Boiling Point	110°- 240°C
Flash Point	35° C
Solubility in Water	None
Specific Gravity	1.3
ph. Value	Not applicable
Vapour Pressure	Not Available
Vapour Density	3.3
Evaporation Rate	0.5 (BA=1)
Volatile Component	40 %
Flammability	Flammable Liquid
Autoignition Temp	Not Established
Flammability Limits	Lower 1.1 Upper 7.1

Coloured flammable liquid with a mild solvent odour, which does not mix with water but will form a thin layer on water surface.

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Heat, Direct Sunlight, open flames, or other ignition sources
Materials to Avoid	Strong oxidising agents
Hazardous Decomp Products	Carbon monoxide, Carbon dioxide, fumes
Hazardous Reactions	May react with incompatible materials
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No toxicology data available for this product
Health Effects Swallowed	Harmful. Ingestion of this material may irritate the gastric tract and cause nausea and vomiting.
Eye Contact	May cause eye irritation, stinging, redness and blurred vision.
Skin Contact	May cause itching, redness, and irritation
Chronic Effects	Prolonged contact with skin may cause dermatitis.

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12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data is available for this product.
Persistence / Degradability	Not readily biodegradable.
Mobility Air/Water	Slow loss by evaporation, product spreads on surface of water.
Enviro Protection	Avoid contaminating waterways, soil, drains and sewers .

13. DISPOSAL INFORMATION

Liquid	Dispose of waste through an approved facility.
Containers	Dispose of containers through metal recycler once empty containers have dried and hardened.

14. TRANSPORT INFORMATION

Labelling Required FLAMMABLE LIQUID Red Diamond 3

UNDG

U N Number	1263
Proper Shipping Name	Paint
D G Class	3
Hazchem Code	3 Y
Packing Group	III



IMDG (Maritime)

IMDG Class	3
UN Number	1263
EMS Number	F-E , S-E
IMDG Sub risk	None
Packing Group	III
Special Provisions	163 223 944 955
Marine Pollutant	Not Determined

This material is classified as a class 3 – Flammable Liquid according to NZS 5433: 1999 Transport of Dangerous Goods on Land.

This material must not be loaded in the same freight container or the same vehicle with:

Class 1	Explosives
Class 2.1	Flammable Gases
Class 2.3	Toxic Gases
Class 4.2	Spontaneously Combustible Substances
Class 5.1	Oxidising substances

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Class 5.2 Organic Peroxides
Class 7 Radioactive materials unless specifically exempted

Must not be loaded in the same freight container, but can be in the same vehicle if separated horizontally by a distance of 3 metres:

Class 4.3 Dangerous when wet substances.

Goods of packing group II or III may be loaded in the freight container or the same vehicle if transported in segregation devices with:

Class 4.2 Spontaneously Combustible Substances
Class 4.3 Dangerous when wet substances
Class 5.1 Oxidising substances
Class 5.2 Organic Peroxides

15. REGULATORY INFORMATION

Labelling Class 3, Flammable Liquid
Poisons Schedule S4
Hazard Category Harmful

16. OTHER INFORMATION

Fireshield has taken care in compiling this information. No liability is accepted directly or indirectly from its application as conditions of use are outside of the Company's control. End users are obliged to conform to relevant Local Government regulations.

References

Data Unless otherwise stated comes from the EPA HSNO chemical classification information database (CCID).
Controls EPA notices, www.epa.govt.nz, Health and Safety at Work (Hazardous Substances) Regulations 2017, www.legislation.govt.nz
WES The latest NZ Workplace Exposure Standards, published by WorkSafe NZ and available on their web site – www.worksafe.govt.nz.

Current Version: 18 June 2021
Revision Information: SDS will be revised every 5 years.
This revision: Updated to meet NZ standards
Previous version dated: -

Disclaimer:

This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein. Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations. Whilst the information contained in this document is based on data, which, to the best of our knowledge, was accurate and reliable at the time of preparation, no warranty or responsibility can be accepted for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information. The user is responsible for that last revision of this document is used. Please check on www.fireshieldcoatings.com

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