

FireZone 92 – Clear Intumescent Coating for Timber

Fire protection coating for wood, wood boards MDF melamine and veneered boards, and wood related products.

MSDS FireZone 92 Basecoat

SDS Compliant with Regulation (EC) No 1907/2006 - N° 453/2010

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING

Product name and/or code	FireZone 92 Base Coat	
Supplier/Manufacturer	Zone Architectural Products 4a Edwin Street Mt Eden, Auckland New Zealand Website: www.zone.net.nz Email: info@zone.net.nz	Telephone: 0800 508 800 Fax: 09 523 3743
Emergency telephone number	Contact National Poison Centre via Hospital or General Practitioner	
Product use	Coatings: Waterborne paint	

2. HAZARDS IDENTIFICATION

Hazard Symbol



Health effects:

Skin	May cause slight irritation on prolonged / repeated contact.
Eyes	May cause some irritation.
Inhalation	No hazard under normal conditions of use.
Ingestion	Low toxicity.
Physical/chemical effects	Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization Aqueous (emulsion) polymer system.

Chemical Name	CAS No.	EC Number	%	Classification
C14-17 chloroalkanes	855 35-85-9	287-477-0	< 9.5	R50/53/64-66

4. FIRST AID MEASURES

Skin contact	Remove contaminated clothing and wash contaminated skin with soap and water.
Eye contact	Wash with water for several minutes. If irritation persists seek medical advice.
Inhalation	Remove the casualty to fresh air.
Ingestion	Rinse out mouth with water and if conscious drink plenty of water. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media	Foam, carbon dioxide, powder, and water spray.
Extinguishing media which must not be used for safety reasons	None known.
Special exposure hazards	None known.
Special protective equipment for fire-fighters	Chemical protection suit / gloves / boots and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protection equipment.
Environmental precautions	Do not dispose of into surface water or sanitary sewer system.
Methods for cleaning up	Scrape up excess and dispose of at an approved site.

7. HANDLING AND STORAGE

Handling precautions	Not applicable.
Storage conditions	Store in closed containers between 5°C and 30°C in dry conditions. Avoid extremes of temperature

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters	Not applicable.
Engineering measures	Not applicable.
Personal protection equipment:	
Respiratory protection	Not applicable.
Hand protection	Gloves.
Eye protection	Goggles.
Skin and body protection	Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Clear.
Form	Clear, varnish like.
Odour	Low odour .
pH as supplied	7.2 – 8.2
Boiling point/range	Not determined.
Melting point/range	Not applicable.
Flash point	Not applicable.
Flammability (solid, gas)	Not applicable.
Autoignition temperature	Not applicable.
Explosive properties	Not applicable.
Oxidizing properties	Not applicable.
Vapour pressure	Not applicable.
Bulk density	1.28 to 1.31 g/cm ³
Solubility:	
Water solubility	Miscible.
Partition coefficient (n-octanol/water)	Not applicable.

Other data**10. STABILITY AND REACTIVITY**

Stability	Stable under normal conditions.
Conditions to avoid	Avoid extremes of temperature especially frost and freezing conditions.
Materials to avoid	None, under normal conditions of use.
Hazardous decomposition products	No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Not applicable.

12. ECOLOGICAL INFORMATION

Not applicable.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations at approved sites.

14. TRANSPORT INFORMATION

UK road/rail	Not applicable. None hazardous.
IMDG	Not applicable. None hazardous.
ICAO	Not applicable. None hazardous.
ADR	Not applicable. None hazardous.

15. REGULATORY INFORMATION

Hazard Symbol



Supply classification:

Hazard symbol(s) None.

Risk phrases This product is not classified according to EU legislation.

Safety phrases

S2 – Keep out of the reach of children
S23 – Do not breathe vapour/spray

16. OTHER INFORMATION**Recommended use**

Decorative coating with fire retardant properties.

Further information

Consult technical data sheet.

R-Phrase from section 2

R22 – Harmful if swallowed.

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation. The information given in this safety data sheet is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.