



MATERIAL
SAFETY DATA SHEET

January 2013

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

Product DeckProof Primer **Base Component**
Company Name EcoProof LTD
The Enterprise Zone
Sheffield
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients Methacrylate Resin Liquid

Name	EC No	CAS -No	Content	Symbol	R Phrase
Methyl Methacrylate		80-62-6	40-70%	F, Xi	R11 R37/38 R43

3. HAZARDS IDENTIFICATION

Main Hazards Highly flammable, Irritating to respiratory system and skin, May cause sensitisation by skin contact.

4. FIRST AID MEASURES

Skin contact Remove contaminated clothing immediately. Rinse affected skin with copious amounts of soap and water. If persistent irritation occurs obtain medical attention.
Eye contact Keep eyelids apart and immediately flush eyes with running water for at least 15 minutes without interruption. Seek medical advice.
Ingestion **DO NOT** induce vomiting. If rapid recovery does not occur obtain medical attention.
Inhalation Move subject to fresh air and keep them calm. Seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media Dry powder, Carbon Dioxide, Alcohol-resistant foam.
Exposure hazards Carbon Monoxide may be evolved if incomplete combustion occurs.
Protection of fire-fighters Wear full protective clothing and self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid skin, eye and clothing contact. Provide sufficient ventilation during use. Use personal protective clothing.
Environmental precautions Prevent from entering sewer system, surface water or soil. Prevent from spreading into drains, ditches or rivers by using sand, earth or other appropriate barriers
Clean-up procedures Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed
Shovel up and place in a labelled, sealable container for subsequent disposal.

7. HANDLING AND STORAGE

Handling requirements	Use in well ventilated areas. Keep containers tightly closed when not in use. Avoid contact with skin, eyes and clothing.
Storage conditions	Avoid temperatures below 5°C. Store at ambient temperatures.
Suitable packaging	Must only be kept in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	Ensure there is sufficient ventilation of the area. OES (long term) 50ppm; OES(short term) 100ppm
Hand protection	Protective gloves of PVC or rubber.
Eye protection	Mono-goggles.
Skin protection	Standard issue work clothes. Safety boots/shoes; chemical resistant.

9. PHYSICAL AND CHEMICAL PROPERTIES

State	Liquid.
Colour	Colourless
Odour	Sweet ester-like
Solubility in water	Insoluble
Density	1.01 g/cm ³ @20°C. (DIN 51757)
Flash point °C	10°C (DIN 51755)

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions. Thermal decomposition not applicable under normal conditions.
Conditions to avoid	Temperatures above 95°C.
Materials to avoid	Radical forming substances(e.g. peroxides), reducing substances, and/or heavy metal ions.
Haz. Decompositon	metal ions.
Products	None when used as directed.

11. TOXICOLOGICAL INFORMATION

Ingestion	LD50 Acute oral toxicity in rats : 4435mg/kg.
Eye Contact	Eye irritation tested in rabbits : Irritant
Skin Contact	Skin irritation tested in rabbits : Irritant,
Mutagenicity	Negative Ames test.
Sensitisation	In humans various types of allergic reactions have been observed (symptoms: headache, eye irritation, skin affections)
Carcinogenity	Non-carcinogenic in inhalation and feeding studies
Reprotoxicity/teratogenicity	No indications of teratogenic effects.

12. ECOLOGICAL INFORMATION

Mobility	Readily absorbed into soil. Prevent contamination of soil, drains or surface water.
Bioaccumulative potential	Material sinks in water.
Other adverse effects	Readily bio-degradable (Sturm Test); Toxic to aquatic organisms

13. DISPOSABLE CONSIDERATIONS

Recover or recycle if possible.
Otherwise dispose to licensed disposal contractor.



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14. TRANSPORT INFORMATION

ADR/RID

UN no	1866	ADR Class	3
Packing Group	II	Classification	5b
Proper Shipping Name	Resin Solution (containing methyl methacrylate)	code	
		Risk no	33

IMDG/IMO

UN no	1866	Class	3
Packing Group	II	EmS	3-05
Marine Pollutant	Packed (+/0):0	Labelling	3

IATA/ICAO

UN no	1866	Class	3
Packing Group	II	Packing Instruction	
Labelling	3		

15. REGULATORY INFORMATION

Hazard Symbol	Xi, Irritant. N, Dangerous to the environment. F, Highly Flammable
Risk Phrases	R11, Highly Flammable. R37/38, Irritation to respiratory system and skin R43, May cause sensitization by skin contact.
Safety Phrases	S16, Keep away from sources of ignition – no smoking. S24, Avoid contact with skin. S37/39, Wear suitable protective clothing, gloves, and eye/face protection.

16. OTHER INFORMATION

Other information	Read in conjunction with the appropriate CATALYST component Material Safety Data Sheet.
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Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. EcoProof Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.