



MATERIAL  
SAFETY DATA SHEET

January 2013

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

**Product** DeckProof Anti-Skid **Base Component**  
**Company Name** EcoProof LTD  
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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	5-15%	F, Xi	R11 R37/38 R43
2-ethylhexyl acrylate		103-11-7	2-5%	Xi	R37/38 R43
n-butylacrylate		141-32-2	5-15%	Xi	R10 R36/37/38 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.

<b>Environmental precautions</b>	Use personal protective clothing. 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
<b>Clean-up procedures</b>	Soak up with absorbent material e.g. dry sand, vermiculite, and dispose of as instructed Shovel up and place in a labeled, sealable container for subsequent disposal.

#### 7. HANDLING AND STORAGE

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

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>State</b>	Liquid.
<b>Colour</b>	Coloured as indicated on product label
<b>Odour</b>	Sweet ester-like
<b>Solubility in water</b>	Insoluble
<b>Density</b>	1.640 – 1.720 g/cm <sup>3</sup> @20°C. (DIN 51757)
<b>Flash point °C</b>	10°C (DIN 51755)

#### 10. STABILITY AND REACTIVITY

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

#### 11. TOXICOLOGICAL INFORMATION

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

#### 12. ECOLOGICAL INFORMATION



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

**13. DISPOSABLE CONSIDERATIONS**

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

**14. TRANSPORT INFORMATION**

**ADR/RID**

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

**IMDG/IMO**

<b>UN no</b>	1866	<b>Class</b>	3
<b>Packing Group</b>	II	<b>EmS</b>	3-05
<b>Marine Pollutant</b>	Y	<b>Labelling</b>	3

**IATA/ICAO**

<b>UN no</b>	1866	<b>Class</b>	3
<b>Packing Group</b>	II	<b>Packing Instruction</b>	
<b>Labelling</b>	3		

**15. REGULATORY INFORMATION**

<b>Hazard Symbol</b>	Xi, Irritant. N, Dangerous to the environment. F, Highly Flammable
<b>Risk Phrases</b>	R11, Highly Flammable. R37/38, Irritation to respiratory system and skin R43, May cause sensitization by skin contact.
<b>Safety Phrases</b>	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**

<b>Other information</b>	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.