



**MATERIAL
SAFETY DATA SHEET**

January 2018

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

Product DeckProof Anti-Skid **Base Component**

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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.

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| Environmental precautions | 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 |
| Clean-up procedures | 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

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| 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

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| 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

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

10. STABILITY AND REACTIVITY

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|----------------------------|---|
| 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

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| 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



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|----------------------------------|---|
| Mobility | Readily absorbed into soil. Prevent contamination of soil, drains or surface water. |
| Bioaccumulative potential | |
| 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.

14. TRANSPORT INFORMATION

ADR/RID

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|-----------------------------|--|-----------------------|----|
| 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 | Y | Labelling | 3 |

IATA/ICAO

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

15. REGULATORY INFORMATION

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|-----------------------|---|
| 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

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| 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.