



## 1. Identification of substance / Preparation and Company

Chemical name of Preparation: Allweather Emergency Repair

Recommended use: Coating

Company Address: ***EcoProof LTD***  
*The Enterprise Zone*  
*Sheffield*  
*S1 4DP*

Telephone: 084433 56386

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## 2. Hazards Identification

### Indication of danger

Dangerous to environment  
Flammable

### Risk phrases

R10 Flammable  
R66 Repeated exposure may cause skin dryness or cracking  
R67 Vapours may cause drowsiness and dizziness  
R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

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### 3. Composition / Information on Ingredients

Ingredient	CAS Nbr	EU Inventory	% by weight	Classification
Non hazardous ingredients	Mixture		35-45	
Solvent naphtha (petroleum) , light aromatic	64742-95-6	EINECS 265-199-0	20 – 30	Xn: R65-Nota 4,H,P (EU) R10 (Vendor) R66; R67;
Barium Sulfate	7727-43-7	EINECS 231-784-4	10 – 20	
Titanium dioxide	13463-67-7	EINECS 236-675-5	1 – 10	
Talc	14807-96-6	EINECS 238-877-9	1 – 10	
Quaternary ammonium compounds , bis(hydrogenated tallow alkyl) dimethyl, salts with bentonite	68953-58-2	EINECS 273-219-4	1 – 10	
Paraffin waxes and Hydrocarbon waxes, chloro	63449-39-8	EINECS 264-150-0	1 – 5	Xi; R36 (Vendor) R53
Amines, N-tallow alkyltrimethylenedi-, oleates	61791-53-5	EINECS 263-186-4	1 – 5	C; R34; N:R50 (Vendor)
1,2,4-Trimethylbenzene	95-63-6	EINECS 202-436-9	<1	Xn:R20; Xi:R36-37-38; N:R51/53; R10 (EU)
Quartz	14808-60-7	EINECS 238-878-4	<1	Xn:R48/20 (Vendor)

Please see section 16 for the full text of any risk phrases referred to under heading 3 of this safety data sheet

Please refer to section 15 for any applicable notes that have been applied to the above components

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### 4. First Aid Measures

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

**Inhalation:** Remove person to fresh air. If signs / symptoms develop, get medical attention.

**Skin Contact:** Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

**Eye Contact:** Flush eyes with large amounts of water. If signs / symptoms persist, get medical attention.

**Ingestion:** Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

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## 5. Fire Fighting Measures

**Suitable extinguishing media:** Use fire extinguishers with class B extinguishing agents (e.g. dry chemical, carbon dioxide)

**Unsuitable extinguishing media**

**Special exposure hazards:** Combustible liquid and vapour. Closed containers exposed to heat from fire may build pressure and explode. Vapours may travel long distances along the ground or floor to an ignition source and flash back

**Special instructions for fire fighters** Water may not effectively extinguish fire, however, it should be used to keep fire exposed containers and surfaces cool and prevent explosive rupture. Water may be used to blanket fire. Wear full protective equipment and a self contained breathing apparatus.

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## 6. Accidental Release Measures

### Personal Precautions

Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by a qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapours, in accordance with good industrial hygiene practice. Warning: A motor could be an ignition source and could cause flammable gasses or vapours in the spill area to burn or explode. Avoid contact with water. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard.

### Environmental Procedures

For larger spills, cover drains and build dykes to prevent entry into sewer systems or bodies of water. Place in a metal container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

### Methods for Cleaning Up

Refer to other sections of this Safety Data Sheet for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Contain spill. Cover spill area with a fire –extinguishing foam. An aqueous film forming foam (AFFF) is recommended. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container.

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## 7. Handling & Storage

### Handling

For industrial or professional use only. Keep out of the reach of children. Avoid inhalation of vapours, mists or spray. Avoid contact with skin. Avoid eye contact with vapours, mists or spray. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Ground containers securely when transferring contents. Wear low static or properly grounded shoes. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. No smoking while handling this material. Avoid contact with oxidising agents.

### Storage

Store away from heat. Store out of direct sunlight. Store away from acids. Store away from oxidising agents. Store at temperatures between 5 - 32°C.

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## 8. Exposure Controls / Personal Protection

### Exposure Limit Values

Ingredient	CAS Nbr	Agency	Limit	Additional Comments
Titanium dioxide	13463-67-7	H & S Comm (UK)	TWA(inhalable) Mg/m <sup>3</sup> ; TWA (respirable):4mg/m <sup>3</sup>	
Talc	14807-96-6	H & S Comm (UK)	TWA (as respirable dust):1 mg/m <sup>3</sup>	
Barium Sulfate	7727-43-7	H & S Comm (UK)	TWA (as inhalable dust): 10mg/m <sup>3</sup> (as respirable dust): 4mg/m <sup>3</sup>	

TWA – Time-Weighted-Average  
STEL – Short Term Exposure Limited  
PPM – Parts per million  
Mg/m<sup>3</sup> - milligrams per cubic metre  
CEIL – Ceiling

### Exposure Controls

#### Occupational Exposure Controls

Use general dilution ventilation / and or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and / or control mist, vapour, or spray. If ventilation is not adequate, use respiratory protection equipment.

**Respiratory Protection**

Avoid inhalation of vapours, mists or spray

Select one of the following approved respirators based on airborne concentration of contaminants and in accordance with regulations:

Half face piece or full face air purifying respirator with organic vapour cartridges and P2 particle pre-\*filters.

**Hand Protection**

Gloves made from the following material (s) are recommended:

Nitrile rubber

Polyethylene or ethylene vinyl alcohol

**Eye / Face Protection**

Avoid eye contact with vapours, mists or spray

The following eye protection(s) are recommended: Indirect vented goggles

**Skin Protection**

Avoid skin contact

Select and use gloves and / or protective clothing to prevent skin contact base on the results of an exposure assessment. Consult with your glove and / or protective clothing manufacturer for selection of appropriate compatible materials.

**Ingestion**

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

**Environmental Exposure Controls**

No data available

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**9. Physical and Chemical Properties**

Physical state	Liquid
Appearance / Odour	Thixotropic liquid

**Important health, safety and environmental information**

pH	No data available
Boiling point / boiling range	>=160°C
Melting point	Not applicable
Flammability (solid, gas)	Flammable liquid : Category 3
Explosive properties	Not classified
Oxidising properties	Not classified
Flash Point	45°C [Test method: Closed Cup]
Flammable limits – LEL	No data available
Flammable limits – UEL	No data available
Vapour pressure	438.6 Pa [@ 25°C]
Relative density	1.17 (ref Std: WATER=1)
Water solubility	Negligible
Partition coefficient: n-octanol / water	No data available
Evaporation rate	No data available
Vapour Density	No data available

Viscosity	No data available
Density	1.17g/ml

#### Other information

Volatile organic compounds (VOC)	327.4g/l (Test method: Estimated) (Details: EU Definition (Part A and B mix))
Percent volatile	28% weight

## 10. Stability and Reactivity

Stable: Hazardous polymerisation will not occur

**Conditions to avoid** Temperatures above the boiling point.  
Heat  
Sparks and / or flames

**Materials to avoid** Alcohols, Combustibles,  
Reaction with water, alcohols, and amines is not hazardous if container can vent to the atmosphere to prevent pressure build up  
Strong acids  
Strong oxidising agents

#### Hazardous decomposition products

Substance	Condition
Carbon monoxide	During combustion
Carbon dioxide	During combustion

## 11. Toxicological Information

#### Inhalation

Respiratory tract irritation: Signs / symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May be absorbed following inhalation and cause target organ effects.

#### Ingestion

Gastrointestinal irritation: Signs / symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhoea.  
May be absorbed following ingestion and cause target organ effects.

#### Eye Contact

Moderate eye irritation. Signs / symptoms may include redness, swelling, pain, tearing and blurred or hazy vision.

#### Skin Contact

Moderate skin irritation: Signs / symptoms may include localised redness, swelling, itching and dryness.

#### Other Health Effects

Central nervous system (CNS) depression: Signs / symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness and unconsciousness.

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## 12. Ecological Information

### **Acute aquatic hazard**

GHS Acute 3: Harmful to aquatic life

### **Chronic aquatic hazard**

Not chronically toxic to aquatic life by GHS criteria

No product test data available

No component test data available

### **Mobility**

Please contact EcoProof Limited for more details

### **Persistence and degradability**

No test data available

### **Bioaccumulative potential**

No test data available

### **Results of PBT assessment**

No data available at this time

### **Other adverse effects**

No information available

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## 13. Disposal Consideration

### **Waste disposal method:**

Dispose of waste product in a permitted hazardous waste facility

Since regulations vary, consult applicable regulations or authorities before disposal.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of EcoProof Ltd, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC-2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and / or regional regulations are complied with and always use a licensed waste contractor.

### **EU waste code (product as sold)**

08 01 11\*      Waste paint and varnish containing organic solvents or other dangerous substances.

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## 14. Transport Information

GR-2001-0490-3

<b>ADR/RID</b>	UN1263, Paint related material, limited quantity, 3, III, (D/E) Environmentally hazardous, ADR classification code: F1:
<b>IMDG-Code</b>	UN1263, Paint related material, (Light aromatic solvent naphtha(Petroleum)), 3, III, Marine Pollutant (light aromatic solvent naphtha) Petroleum)) EMS: FE, SE
<b>ICOA/IATA</b>	UN1263, Paint related material, 3, III

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## 15. Regulatory Information

### Symbols

N Dangerous to environment

### Contains

No ingredients are assigned to the label

### Risk Phrases

R10 Flammable  
R66 Repeated exposure may cause skin dryness or cracking  
R67 Vapours may cause drowsiness and dizziness  
R51/53 Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

### Safety Phrases

S23A Do not breath vapour  
S24 Avoid contact with skin  
S62 If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label  
S61 Avoid release to the environment. Refer to special instructions / safety data sheets.

### Special provisions concerning the labelling of certain substances.

### Notes on labelling

R65 is not required on the label due to the products viscosity.  
Note P applied to CAS# 64742-95-6

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## 16. Legislation and Other Information

### List of relevant R-Phrases

R10 Flammable  
R20 Harmful by inhalation  
R34 Causes burns  
R36 Irritating to eyes  
R37 Irritating to respiratory system  
R38 Irritating to skin

R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R50	Very toxic to aquatic organisms
R51/53	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment
R53	May cause long term adverse effects in the aquatic environment
R65	Harmful: May cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness

#### **Restrictions on use**

For industrial or professional use only

#### **Global inventory status.**

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

#### **Revision Information**

No revision information is available