

# Material Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe

## 1. Product identification

**Name:** Composition Paint **Eternalwood**  
**Type:** Single pack, air drying paint  
**Code:** 3313  
**Manufacturer:** ATIFARB Ltd., 42-200 Częstochowa, Poland  
**Emergency Phone No.:** +48 34 367 46 06  
**Product Use:** Coatings; see Technical Data Sheet

## 2. Hazards identification

### Liquid product is:

- a. Biodegradable and contains biodegradable substances
- a. Classified as environmentally dangerous according to Directive 1999/45/EC and its amendments.



Harmful

- b. Flammable
- c. Harmful by inhalation
- d. Harmful by skin contact

**Dry hardened coat** will not release any harmful (toxic or cancerous) substances

## 3. Composition/information on ingredients

Only organic solvent vapours can be separated from the liquid product. All other ingredients are chemically bonded and are not possible to be isolated from the solution at room temperature (0°C do 50°C).

### Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

See section 16 for the full text of the R-phrases declared above  
Occupational exposure limits, if available, are listed in section 8.

Ingredient	Average content [% mass]	CAS No.	EU No. (EINECS)	Index No.	Label Symbols	Risk phrases
Stoddard Solvent	15,0	64742-04-7	232-489-3	-	Xn,R: 10-18-20	R10, R18, R20
<a href="#">1,2,4-Trimethylbenzene</a>	4,5	95-63-6	202-436-9	601-043-00-3	Xn, Xi, N	R10,R20, R36/37/38, R51/53

<a href="#">1-Methyl-3-ethylbenzene</a>	3,3	620-14-4	210-626-8	-	Xn	R10, R65
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## 4. First-aid measures

### General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

### Inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing or if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.

### Skin contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do not use solvents or thinners.

### Eye contact

Check for and remove any contact lenses. Immediately flush eyes with running water for approx. 15 minutes, keeping eyelids open.

### Ingestion

If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Give 150ml of paraffin to swallow. Do not induce vomiting.

### Note for physician:

Medical therapy: Palliative care (disinfection, life support action same as with poisoning with alkyd or oil paints)  
Antidote: unknown

## 5. Fire-fighting measures

### Extinguishing media for liquid product

#### Recommended:

Alcohol and petroleum solvent resistant extinguisher, CO<sub>2</sub>, powder, water mist spray.

#### Prohibited:

water jet

### Recommendations

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not release runoff from fire to sewers or waterways.

## 6. Accidental release measures

### Personal precautions

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.

### Spill

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Do not allow to enter drains or watercourses. Preferably clean with a detergent. Avoid using solvents. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

### Note:

**See section 8 for personal protective equipment and section 13 for waste disposal.**

## 7. Handling and storage

### Handling

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

To dissipate static electricity during transfer, earth drum and connect to receiving container with bonding strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used.

Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Avoid inhalation of dust from sanding.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Put on appropriate Personal Protective Equipment (see section 8).

Never use pressure to empty. Container is not a pressure vessel. Always keep in containers made from the same material as the original one.

Comply with the health and safety at work laws.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

### **Storage**

Store in accordance with local regulations. Observe label precautions. Store in a cool, well-ventilated area away from incompatible materials and ignition sources.

Keep away from: oxidising agents, strong alkalis, strong acids.  
No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not empty into drains.

## **8. Exposure controls and personal protection**

### **Engineering measures**

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

<b>Ingredient name</b>	<b>Occupational exposure limits</b>
Organic solvents	<b>TWA: 525 mg/m<sup>3</sup> 8 hour(s). Form: All forms EU OEL (Europe, 6/2000).TWA: 100 mg/m<sup>3</sup> 8 hour(s). Form: All forms</b>

### **Personal Protective Equipment**

#### **Respiratory System**

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use respiratory mask with charcoal and dust filter when spraying this product (as filter combination A2-P2). In confined spaces, use compressed-air or fresh-air respiratory equipment. When use of roller or brush, consider use of charcoal filter.

#### **Skin and body**

Personnel should wear antistatic clothing made of natural fibres or of high temperature resistant synthetic fibres.

#### **Hands**

For prolonged or repeated handling, use the following type of gloves: gloves: polyvinyl alcohol or nitrile.

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

For right choice of glove materials, with focus on chemical resistance and time of penetration, seek advice by the supplier of chemical resistant gloves.

### **Eyes**

Use safety eyewear designed to protect against splash of liquids.

## **9. Physical and chemical properties**

Detailed physical and chemical properties are listed in a technical certificate No. 2317-001-10462060-2006 attached to each product

<b>Physical state:</b>	sticky liquid
<b>Odour:</b>	vegetable oils, naphtha
<b>Colour:</b>	various colours
<b>Solubility in water:</b>	Immiscible
<b>Density:</b>	approx. 1.25 g/cm <sup>3</sup> (temp. 20°C)

### Solvent related properties:

<b>Vapour pressure:</b>	kPa at 20°C: 0.2-0.6
<b>Relative vapour density (air = 1):</b>	4.0
<b>Flash point:</b>	> 26°C
<b>Auto-ignition temperature:</b>	229-260°C
<b>Explosive limits, vol% in air:</b>	0.6-6.5
<b>Solvent content:</b>	max. 40%

## **10. Stability and reactivity**

Stable under recommended storage and handling conditions (see section 7).

Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

Viscosity depends on temperature. The higher temperature the lower viscosity. Do not cool down below 0°C.

## **11. Toxicological information**

There is no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See sections 2 and 15 for details.

Chemical Name	Toxicity	Dangers	Exposure Symptoms
Organic solvents	LC50 for white mice: 40 – 111,5 g/m3 (2h) ----- LC50 for rats: 105 g/m3 (2h) ----- LD 50 of ingredient 5000 mg/kg (ORAL, RAT); non-toxic	<p><b>Physical dangers</b>            The vapour is heavier than air and may travel along the ground; distant ignition possible.</p> <p><b>Chemical dangers</b>            Reacts with strong oxidants, causing fire and explosion hazard. Attacks some forms of plastics and rubber.</p> <p><b>Routes of exposure</b>            The substance can be absorbed into the body by skin contact, inhalation of its vapour and by ingestion.</p> <p><b>Inhalation risk</b>            A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C; on spraying or dispersing, however, much faster.</p>	<p><b>Effects of short-term exposure</b>            The vapour is slightly irritating to the eyes and the respiratory tract. The substance may cause effects on the central nervous system. Exposure to high concentration of vapours may result in unconsciousness. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis.</p> <p><b>Effects of long-term or repeated exposure</b>            The liquid de-fats the skin. The substance may have effects on the central nervous system and liver, resulting in impaired functions.</p>

## 12. Ecological information

This product should not be allowed to enter drains or watercourses. Harmful for aquatic organisms.

## 13. Disposal considerations

Do not allow to enter drains or watercourses. Material and/or container must be disposed of as hazardous waste.

### European waste catalogue (EWC)

08 01 11\* waste paint and varnish containing organic solvents or other dangerous substances. If this product is mixed with other wastes, this code may no longer apply.

If mixed with other wastes, the appropriate code should be assigned. For further information, contact your local waste authority.

## 14. Transport information

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

### International transport regulations

**Proper shipping name:** Paint  
**UN number:** 1263  
**Class:** 3  
**Packing group:** III



**Label:**  
**Marine Pollutant:** Yes

### Additional information

**ADR / RID:**  
Hazard identification number: 30  
Special provisions: 640E

**IMDG:**  
Emergency schedules (EmS): F-E, S-E

**Transport in accordance with:** ADR/RID, IMDG/IMO and ICAO/IATA and national regulation.

## 15. Regulatory information

**EU regulations** : The product is classified and labelled for supply in accordance with the Directive 1999/45/EC as follows:

**Hazard symbol or symbols** :



Harmful



**Risk phrases** : R10- Flammable. R20/21- Harmful by inhalation and in contact with skin. R38- Irritating to skin.

**Safety phrases** : S23- Do not breathe vapour / spray. S36/37- Wear suitable protective clothing and gloves. S51- Use only in well-ventilated areas.

**Contains** : solvent naphtha

**Industrial use** : The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work

## 16. Other information

### Full text of R-phrases and S-phrases referred to in sections 2 and 3 - Europe

- R10 - Flammable.
  - R18 - Explosive mixture of vapours and air
  - R20/21 - Harmful by inhalation.
  - R36 - Irritating to eyes in liquid state
  - R37 - Irritating to respiratory system.
  - R38 - Irritating to skin in prolonged exposure
  - R51/53 - harmful for aquatic life
  - R65 - harmful, may cause lung damage if swallowed
  - R67 - Vapours may cause dizziness, headache, drowsiness, nausea and cough.
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- S2 - keep out of reach of children
  - S23 - do not inhale vapours
  - S42 - use breathing device when spraying inside confined space
  - S53 - avoid exposure, follow user manual

**The information in this Material Safety Data Sheet is required pursuant to EU Directive 91/155/EEC and its amendments.**

### Notice to reader

***The information in this MSDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this MSDS 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.***