

# Nullifire - System W + Clear Basecoat

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## 1. IDENTIFICATION OF PREPARATION & COMPANY

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**Type of Product:** Waterborne transparent intumescent coating for fire protection of internal timber and wood derivatives.

**Company:** Nullifire Limited, Torrington Avenue, Coventry, CV4 9TJ, England.  
Tel: +44 (0) 24 7685 5000.  
Email: protect@nullifire.com

## 2. HAZARDS IDENTIFICATION

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- **Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Name	CAS No	EINECS No	Symbol and Risk	%
Ethanol	264-17-5	200-578-6	F: R11	<5%

## 4. FIRST AID MEASURES

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**General Information:** No special measures required.

**After Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**After Eye Contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

**After Skin Contact:** Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

**After swallowing:** In case of persistent symptoms consult doctor.

## 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water jet or alcohol-resistant foam.

**Protective equipment:** No special measures required.

## 6. ACCIDENTAL RELEASE MEASURES

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**Person-related safety precautions:** Not required.

**Measures for environmental protection:** Dilute with much water.

**Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Additional information:** No dangerous materials are released.

## 7. HANDLING AND STORAGE

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**Handling:** **Information for safe handling:** No special measures required.

**Information about protection against explosions and fires:** No special measures required.

**Storage:** **Requirements to be met by storerooms and containers:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Components with limit values that require monitoring at the workplace:

64-17-5 ethanol. WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm.

**Additional information:** The lists that were valid during the compilation were used as a basis.

### Personal protective equipment:

<b>General protective and hygienic measures:</b>	The usual precautionary measures should be adhered to general rules for handling chemicals.
<b>Breathing equipment:</b>	Not required.
<b>Hand Protection:</b>	Preventative skin protection by use of skin-protecting agents is recommended.
<b>Material of gloves:</b>	Not applicable.
<b>Penetration time of glove material:</b>	Not applicable.
<b>Eye Protection:</b>	Safety glasses.
<b>Body Protection:</b>	Protective work clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Form:</b>	Fluid.	<b>Boiling Point:</b>	100°C.
<b>Solubility in/ Miscibility with water:</b>	Fully miscible.	<b>Colour:</b>	According to product specification.
<b>Self-inflammability:</b>	Product is not self-igniting.	<b>Solvent content:</b>	Not known.
<b>Odour:</b>	Characteristic.	<b>Danger of explosion:</b>	Product is not explosive.
<b>Flashpoint:</b>	> 100°C	<b>Density at 20°C:</b>	1.320 g/cm <sup>3</sup>
<b>PH-value at 20°C:</b>	4.5	<b>Solids content:</b>	62.7 %
<b>Viscosity: Dynamic at 20°C:</b>	750 mPas	<b>Volatile Organic Content</b>	35g/l

## 10. STABILITY AND REACTIVITY

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<b>Thermal Decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Dangerous reactions:</b>	No dangerous reactions known.
<b>Dangerous products of decomposition:</b>	No dangerous decompositions products known.

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## 11. TOXICOLOGICAL INFORMATION

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**Eyes:** No irritant effect.  
**Skin:** No irritant effect  
**Sensitization:** No sensitizing effect known.

**Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

## 12. ECOLOGICAL INFORMATION

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General notes:  
At present there are no eco-toxicological assessments.  
Do not allow to reach ground water, water bodies or sewage system.

## 13. DISPOSAL CONSIDERATIONS

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**Product:**

**Recommendation:** Smaller quantities can be disposed with household waste.

**European waste catalogue:** 08 01 12 waste paint and varnish other than those mentioned in 08 01 11.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14. TRANSPORT INFORMATION

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**Not a dangerous good in accordance with national and international regulations.**

## 15. REGULATORY INFORMATION

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**Designation according to EC guidelines:**

Observe the normal safety regulations when handling chemicals  
The present product is not considered a dangerous working material as defined by the regulations on hazardous substances and/or by the relevant EC-Standards (67/548/EWG and 88/379/EWG), effective at the time the data sheet is published.

**VOC Content:**

VOC content of 35g/l conforms to Directive 2004/42/EC maximum of 140 g/litre

## 16. OTHER INFORMATION

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
It is the responsibility of the user to assure himself that the information provided with this material safety data sheet is complete and applicable for his utilization of the product.

**Relevant R-phrases:** 11; Highly flammable.

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