

Nullifire - System W + Clear Topseal

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1. IDENTIFICATION OF PREPARATION & COMPANY

Type of Product: One-pack solvent-based clear sealer coat for protection of Nullifire System W Clear Intumescent Coating against scouring and short-time humidity.

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

2. HAZARDS IDENTIFICATION

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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No	EINECS No	Symbol and Risk	%
Naphtha (petroleum), hydrotreated heavy (2-methoxymethylethoxy) propanol	64742-48-9	265-150-3	Xn; R65-66	>50%
	34590-94-8	252-104-2		<5%

4. FIRST AID MEASURES

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.

After swallowing: Do not induce vomiting; instantly call for medical help.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

Protective equipment: Put on breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection: Do not allow product to reach sewage system or water bodies.

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

Handling: **Information for safe handling:** Use only in well ventilated areas.
Information about protection against explosions and fires: Keep ignition sources away – Do not smoke. Protect against electrostatic charges.

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

Occupational Exposure Limits:

Material	LT (8 hr TWA)	ST
(2-methoxymethylethoxy) propanol	308 mg/m ³	50 ppm (sk)

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

Personal protective equipment:

General protective and hygienic measures: The usual precautionary measures should be adhered to general rules for handling chemicals.

Breathing equipment: Not required.

Protection of hands: Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Safety glasses recommended during refilling.

Body protection: Protective work clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Fluid.	Colour:	According to product specification.
Odour:	Characteristic.	Melting point/ Melting range:	Not determined.
Boiling point/ Boiling range:	Not determined.	Flash point:	> 55°C
Self-inflammability:	Product is not self-igniting.	Danger of explosion:	Vapours may form explosive mixtures with air.
Critical values for explosion:	0.6 Vol % (ber.) – Lower 6.0 Vol % (ber.) - Upper	Density at 20°C:	0.853 g/cm ³ .
Solubility in / Miscibility with water:	Not miscible or difficult to mix.	Viscosity: Kinematic at 20°C:	115 s (ISO 6 mm)
Volatile Organic Content	Max 590 g/l		

10. STABILITY AND REACTIVITY

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

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11. TOXICOLOGICAL INFORMATION

On the skin:	No irritant effect.
On the eye:	No irritant effect.
Sensitization:	Sensitizing effect by skin contact is possible by prolonged exposure.
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

At present there are no eco-toxicological assessments.
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow product to reach ground water, water bodies or sewage system. This statement was deduced from the properties of the single components.

13. DISPOSAL CONSIDERATIONS

Product:	Recommendation: Remove in accordance with the local official recommendations. European waste catalogue: 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances.
Uncleaned packages:	Recommendation: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

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.

Special designation of certain preparations: Contains Akoxylated-alkylphenol,. May produce an allergic reaction.

VOC Content:

VOC content of 590g/l conforms to Directive 2004/42/EC maximum of 600 g/l

16. OTHER INFORMATION

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:

- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.

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