SAFETY DATA SHEET
NULLIFIRE M703 / FS703

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product Name: NULLIFIRE M703 / FS703
Product No.: 10825

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses: Sealant

1.3. Details of the supplier of the safety data sheet
Supplier: Nullifire
Torrington Avenue
COVENTRY
CV4 9TJ
England
Phone: (+44) 2476 655000
Fax: (+44) 2476 469547
protect@nullifire.com

Manufacturer: Tremco illbruck Coatings Ltd
Coupland Rd
Hindley Green
Wigan
WN2 4HT
England
Phone: +44 (0) 1942 251400
Phone: +44 (0) 1942 258011
Fax: +44 (0) 1942 521923
msds@tremco-illbruck.com

1.4. Emergency telephone number
+44 (0) 1942 251400 (9am - 5pm UK)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.2. Label elements
Risk Phrases: None
Safety Phrases: NC Not classified.
P13 Safety data sheet available for professional user on request.

2.3. Other hazards
This product does not contain any PBT or vPvB Substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
**METHANOL**

<table>
<thead>
<tr>
<th>CAS-No.: 67-56-1</th>
<th>EC No.: 200-659-6</th>
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**Classification (EC 1272/2008)**
- Flam. Liq. 2 - H225
- Acute Tox. 3 - H301
- Acute Tox. 3 - H311
- Acute Tox. 3 - H331
- STOT Single 1 - H370

**Classification (67/548/EEC)**
- F;R11
- T;R23/24/25,R39/23/24/25

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**TRIMETHOXY METHYL SILANE**

<table>
<thead>
<tr>
<th>CAS-No.: 1185-55-3</th>
<th>EC No.: 214-685-0</th>
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**Classification (EC 1272/2008)**
- Flam. Liq. 2 - H225
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319

**Classification (67/548/EEC)**
- Xi;R36/38.
- F;R11.

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**VINYL TRIMETHOXY SILANE**

<table>
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<tr>
<th>CAS-No.: 2768-02-7</th>
<th>EC No.: 220-449-8</th>
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**Classification (EC 1272/2008)**
- Flam. Liq. 3 - H226
- Acute Tox. 4 - H332

**Classification (67/548/EEC)**
- Xn;R20.
- R10.

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The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

Composition Comments
* Methanol is not included in the formula but small quantities are generated during the curing process.

### SECTION 4: FIRST AID MEASURES

**4.1. Description of first aid measures**

**Inhalation.**
Provide rest, warmth and fresh air. Get medical attention if any discomfort continues.

**Ingestion**
Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

**Skin Contact**
Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

**Eye Contact**
Rinse the eye with water immediately. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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**4.2. Most important symptoms and effects, both acute and delayed**

**Skin Contact**
Prolonged skin contact may cause redness and irritation.

**Eye Contact**
May cause severe irritation to eyes.

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**4.3. Indication of any immediate medical attention and special treatment needed**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**
Extinguishing Media
Water spray, fog or mist.
Dry chemicals, sand, dolomite etc.
Foam.
Carbon dioxide (CO2).
Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture
Specific Hazards
When heated and in case of fire, toxic vapours/gases may be formed.

5.3. Advice for firefighters
Special Fire Fighting Procedures
No specific fire fighting procedure given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions
Avoid release to the environment.

6.3. Methods and material for containment and cleaning up
Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections
Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Read and follow manufacturer's recommendations. Provide good ventilation. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities
Store in tightly closed original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>METHANOL</td>
<td>WEL</td>
<td>200 ppm(Sk)</td>
<td>266 mg/m3(Sk)</td>
<td>250 ppm</td>
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</tbody>
</table>

WEL = Workplace Exposure Limit.

8.2. Exposure controls
Protective Equipment
Engineering Measures
Well-ventilated area.
Respiratory Equipment
Use an organic vapour respirator where prolonged exposure is anticipated
Hand Protection
Use protective gloves made of: Rubber or plastic.
NULLIFIRE M703 / FS703

Eye Protection
Use eye protection.
Other Protection
Wear appropriate clothing to prevent repeated or prolonged skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance: Paste
Colour: Misc. colours
Odour: Mild
Solubility: Soluble in: Organic solvents. Insoluble in water
Initial Boiling Point and Boiling Range: 200°C
Relative Density: 1.35
Viscosity: 200,000 - 300,000 cps @ 20°C
Flash Point (°C): > 60°C

9.2. Other information
Volatile Organic Compound (VOC): 0 g/litre

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions
Not determined.

10.4. Conditions to avoid
Avoid heat. Water, moisture.

10.5. Incompatible materials
Materials To Avoid
Strong acids. Strong oxidising substances.

10.6. Hazardous decomposition products
When heated, vapours/gases hazardous to health may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
General Information
The product itself is expected to have low toxicity. Methanol (produced by hydrolysis) is harmful by skin absorption and may have narcotic effects.
Skin Contact
Prolonged and frequent contact may cause redness and irritation.
Eye Contact
May cause temporary eye irritation.
Health Warnings
Methanol

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:
Not regarded as dangerous for the environment.

12.1. Toxicity
NULLIFIRE M703 / FS703

Acute Fish Toxicity
Not considered toxic to fish.

12.2. Persistence and degradability
Degradability:
There are no data on the degradability of this product.

12.3. Bioaccumulative potential
Bioaccumulative Potential:
No data available on bioaccumulation.

12.4. Mobility in soil
Mobility:
The product is insoluble in water.

12.5. Results of PBT and vPvB assessment
This product does not contain any PBT or vPvB Substances.

12.6. Other adverse effects
Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements.
Waste Class
EWC Code: 08 04 10

SECTION 14: TRANSPORT INFORMATION

General
Not regulated. The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
Not applicable.

14.2 UN Proper shipping name
Not applicable.

14.3 Transport hazard class(es)
Not applicable.

14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Uk Regulatory References
Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 ("CHIP 4")
Guidance Notes
Workplace Exposure Limits EH40.
EU Legislation

Dangerous Preparations Directive 1999/45/EC.


15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### SECTION 16: OTHER INFORMATION

**Revision Comments**

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>12/04/2011</th>
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<tbody>
<tr>
<td>Supersedes Date</td>
<td>12/05/2010</td>
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<tr>
<td>SDS No.</td>
<td>10595</td>
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</tbody>
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**Risk Phrases In Full**

- R10 Flammable.
- R20 Harmful by inhalation.
- R11 Highly flammable.
- R36/38 Irritating to eyes and skin.
- R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
- R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

**Hazard Statements In Full**

- H370 Causes damage to organs <<Organs>>.
- H319 Causes serious eye irritation.
- H315 Causes skin irritation.
- H226 Flammable liquid and vapour.
- H332 Harmful if inhaled.
- H225 Highly flammable liquid and vapour.
- H331 Toxic if inhaled.
- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.

**Disclaimer**

This information is offered in good faith but without guarantee or liability. In cases of doubt, users should consult with relevant authority. Information given herein is supplied for your guidance only and is based upon the results of controlled tests and experience obtained in the application of the product referred to by Nullifire Ltd. As the supplier only, Nullifire Ltd has no control over the method or conditions of application of the product and consequently no warranties expressed or implied are intended to be given as to the coverage or performance of the products mentioned or referred to herein and no liability will be expected for any loss, damage or physical injury resulting from the use or application of the information, data or products mentioned or referred to herein.