

# Safety Data Sheet

## according to WHS Regulations

Printing date 03.07.2019

Version number 9

Revision: 24.05.2018

Hazardous according to criteria of Australian Safety and Compensation Council.

### 1 Identification

- **Product identifier**
- **Trade name:** Nullifire SC902 A
- **MSDS code:** W-N-SC902A
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Coating compound/ Surface coating/ paint
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
tremco illbruck Ltd  
Coupland Road, Hindley Green, WIGAN, WN2 4HT  
Tel: +44 (0) 1942251400, Fax: +44 (0) 1942251410  
msds@tremco-illbruck.com
- **Further information obtainable from:**  
Tremco Pty Ltd  
Unit 1, 2 Park Road, Rydalmere, NSW 2116  
T: +61 (0) 296382755, F: +61 (0) 296382955  
www.tremco.com.au
- **Emergency telephone number:**  
During office hours T: +61 (0) 296382755  
IF exposed or concerned: Call a POISON CENTER/doctor.

### 2 Hazard(s) Identification

- **Classification of the substance or mixture**  
Flam. Liq. 3 H226 Flammable liquid and vapour.
- **Label elements**
- **GHS label elements**  
The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms**



GHS02

- **Signal word** Warning
- **Hazard statements**  
Flammable liquid and vapour.
- **Precautionary statements**  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- **Other hazards** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

(Contd. on page 2)

# Safety Data Sheet

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Version number 9

Revision: 24.05.2018

Trade name: Nullifire SC902 A

(Contd. of page 1)

· **vPvB:** Not applicable.

### 3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with non-hazardous additions.

- **Dangerous components:**

CAS: 1330-20-7 EINECS: 215-535-7	xylene (mix) Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	5-<10%
CAS: 100-41-4 EINECS: 202-849-4	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	1-<5%

- **Additional information:**

For the wording of the listed hazard phrases refer to section 16.

Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.

### 4 First Aid Measures

- **Description of first aid measures**
- **General information:** Take affected persons out of danger area and lay down.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:** No further relevant information available.
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Hazards** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire Fighting Measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

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(Contd. on page 3)

**Trade name: Nullifire SC902 A**

(Contd. of page 2)

## 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to Section 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## 7 Handling and Storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Avoid contact with the eyes and skin.
- **Information about fire - and explosion protection:**  
Flammable liquid and vapour.  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in unopened original receptacles.  
Provide ventilation for receptacles.
- **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Storage temperature: +5°C to +25°C
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls and personal protection

- **Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

**CAS: 1330-20-7 xylene (mix)**

NES	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 350 mg/m <sup>3</sup> , 80 ppm
WES	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 350 mg/m <sup>3</sup> , 80 ppm

(Contd. on page 4)

## Safety Data Sheet according to WHS Regulations

Printing date 03.07.2019

Version number 9

Revision: 24.05.2018

Trade name: Nullifire SC902 A

(Contd. of page 3)

**CAS: 100-41-4 ethylbenzene**

NES	Short-term value: 543 mg/m <sup>3</sup> , 125 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm
WES	Short-term value: 543 mg/m <sup>3</sup> , 125 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm

- **Additional Occupational Exposure Limit Values for possible hazards during processing:**  
Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Do not breathe spray.  
Do not eat, drink, smoke or sniff while working.  
Avoid contact with the eyes and skin.
- **Respiratory protection:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.  
Use only in well-ventilated areas.  
Filter A/P2  
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
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**  
Nitrile rubber, NBR  
Fluorocarbon rubber (Viton)  
PVA 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:**



Tightly sealed goggles

(Contd. on page 5)

**Trade name: Nullifire SC902 A**

(Contd. of page 4)

· **Body protection:**



Protective work clothing

## 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Viscous

Colour: White

· **Odour:** Characteristic

· **Melting point/freezing point:** Undetermined.

· **Initial boiling point and boiling range:** >100 °C

· **Flash point:** 46 °C

· **Ignition temperature:** 500 °C

· **Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Density at 20 °C:** 1.55 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Immiscible / difficult to mix.

· **Solvent content:**

VOC (EU) 139.0 g/l

VOC (EC) 139 g/l

8.96 %

· **Other information** No further relevant information available.

## 10 Stability and Reactivity

· **Reactivity** Stable

· **Chemical stability**

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Possibility of hazardous reactions** Reacts with acids, alkalis and oxidising agents.

· **Conditions to avoid** Keep away from heat/sparks/open flames/hot surfaces. No smoking.

· **Incompatible materials:** No further relevant information available.

· **Hazardous decomposition products:**

Nitrogen oxides

Carbon monoxide and carbon dioxide

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(Contd. on page 6)

Trade name: Nullifire SC902 A

(Contd. of page 5)

## 11 Toxicological Information

- Information on toxicological effects
- Acute toxicity

### · LD/LC50 values relevant for classification:

#### CAS: 1330-20-7 xylene (mix)

Oral	LD50	3,523 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	27.124 mg/L (rat)
	LC50/4 h	5,000 ppmV (rat)

#### CAS: 100-41-4 ethylbenzene

Oral	LD50	3,500 mg/kg (rat)
Dermal	LD50	17,800 mg/kg (rabbit)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Slight irritation possible.
- **Serious eye damage/irritation** Slight irritation possible.
- **Respiratory or skin sensitisation** No sensitising effects known.
- **Additional toxicological information:**  
Repeated exposure may cause skin dryness or cracking.  
Fillers are encapsulated within the liquid and therefore not expected to be released from the product under normal conditions of use.

## 12 Ecological Information

- Toxicity

### · Aquatic toxicity:

#### CAS: 1330-20-7 xylene (mix)

LC50/96 h	4.2 mg/L (rainbow trout)
EC50/48 h	2.93-4.4 mg/L (daphnia magna)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

### · Ecotoxicological effects:

#### CAS: 1330-20-7 xylene (mix)

IC50/72 h	2.2 mg/L (algae)
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- **Additional ecological information:**
- **General notes:**  
Overall evaluation  
Avoid transfer into the environment.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

AU

(Contd. on page 7)

**Trade name: Nullifire SC902 A**

(Contd. of page 6)

### \* 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Non contaminated packagings may be recycled.

### 14 Transport information

- **UN-Number**

- **ADG, ADN, IMDG, IATA** Void

- **UN proper shipping name**

- **ADG** Void

Void

- **ADN, IMDG, IATA** Void

- **Transport hazard class(es)**

- **ADG, ADN, IMDG, IATA**

- **Class** Void

- **Packing group**

- **ADG, IMDG, IATA** Void

- **Environmental hazards:**

- **Marine pollutant:** No

- **Special precautions for user**

Not applicable.

- **Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

- **Transport/Additional information:**

- **ADG** 2.2.3.1.1 (note 1)

- **IMDG** 2.3.1.3

- **IATA** 3.3.1.3

- **UN "Model Regulation":** Void

### \* 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Model Work Health and Safety (WHS) legislation

United Nations (UN) Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

(Contd. on page 8)

# Safety Data Sheet

## according to WHS Regulations

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Version number 9

Revision: 24.05.2018

**Trade name: Nullifire SC902 A**

(Contd. of page 7)

**· Australian Inventory of Chemical Substances**

CAS: 68333-79-9	Polyphosphoric acids, ammonium salts
CAS: 13463-67-7	titanium dioxide
CAS: 108-78-1	melamine
CAS: 115-77-5	pentaerythritol
CAS: 1330-20-7	xylene (mix)
CAS: 8001-79-4	Castor oil
CAS: 28553-12-0	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich (DINP; di-"isononyl" phthalate)
CAS: 103-23-1	Di-(2-ethylhexyl) adipate
CAS: 29761-21-5	isodecyl diphenyl phosphate
CAS: 1332-58-7	Kaolin
CAS: 100-41-4	ethylbenzene
CAS: 1318-02-1	Zeolites
CAS: 125643-61-0	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, C7-9-branched alkyl esters
CAS: 64741-65-7	Naphtha (petroleum), heavy alkylate
CAS: 126-58-9	2,2,2',2'-tetrakis(hydroxymethyl)-3,3'-oxydipropan-1-ol
CAS: 115-86-6	triphenyl phosphate
CAS: 14808-60-7	Quartz (SiO <sub>2</sub> )
CAS: 6386-38-5	methyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate
CAS: 7664-38-2	phosphoric acid

**· Standard for the Uniform Scheduling of Medicines and Poisons**

CAS: 1330-20-7	xylene (mix)	S6
CAS: 7664-38-2	phosphoric acid	S5, S6

**· GHS label elements**

The product is classified and labelled according to the Globally Harmonised System (GHS).

**· Hazard pictograms**


GHS02

**· Signal word** Warning

**· Hazard statements**

Flammable liquid and vapour.

**· Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

**· Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(Contd. on page 9)



# Safety Data Sheet

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**Trade name: Nullifire SC902 A**

(Contd. of page 8)

**· Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H373 May cause damage to the hearing organs through prolonged or repeated exposure.

**· Abbreviations and acronyms:**

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1

**· \* Data compared to the previous version altered.**

—AU—