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SECTION 1: Identification of the substance/mixture and of the company/ undertaking
· 1.1 Product identifier
· Trade name: <u>Nullifire SC902 A</u>
 MSDS code: W-N-SC902A 1.2 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
 • 1.3 Details of the supplier of the safety data sheet • Manufacturer/Supplier: Tremco CPG UK Ltd Coupland Road, Hindley Green, WIGAN, WN2 4HT Tel: +44 (0) 1942251400, Fax: +44 (0) 1942251410 msds@cpg-europe.com
• Further information obtainable from: See above-mentioned address
Tremco CPG UK Ltd Coupland Road, Hindley Green, Wigan, WN2 4HT T: +44 (0) 1942251400, F: +44 (0) 1942251410 www.cpg-europe.com, info.uk@cpg-europe.com
• 1.4 Emergency telephone number: During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.
SECTION 2: Hazards identification
 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Carc. 2 H351 Suspected of causing cancer. Repr. 2 H361f Suspected of damaging fertility. STOT RE 2 H373 May cause damage to the urinary tract through prolonged or repeated exposure. Additional information: (EC) 1272/2008 & UK SI 2019 No. 720 "GB- CLP": 2.6.4.5 (Flam. Liq. 3)
 • 2.2 Label elements • Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. (Contd. on page 2)
GB

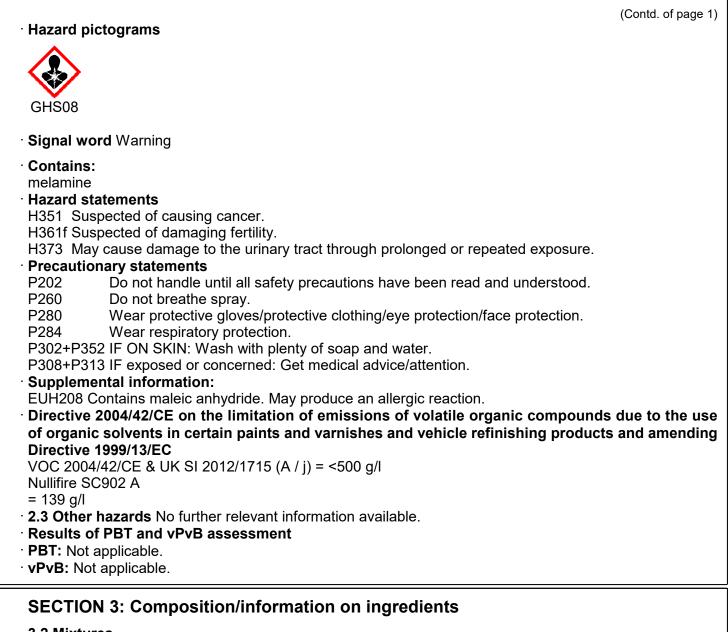


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- 3.2 Mixtures
- **Description:** Mixture of substances listed below with non-hazardous additions.

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· Dangerous components:				
CAS: 108-78-1 EINECS: 203-615-4 Reg.nr.: 01-2119485947-16-xxxx	melamine Carc. 2, H351; Repr. 2, H361f; STOT RE 2, H373	10-<20%		
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	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. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	5-<10%		
CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28-xxxx	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich (DINP; di-"isononyl" phthalate) substance with a Community workplace exposure limit	1-<5%		
	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332; Aquatic Chronic 3, H412	1-<5%		
CAS: 108-31-6 EINECS: 203-571-6 Reg.nr.: 01-2119472428-31-xxxx	maleic anhydride Resp. Sens. 1, H334; STOT RE 1, H372; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 %	<0.001%		
 EU SVHC see Section 15 GB SVHC see Section 15 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. 				
SECTION 4: First aid measures				
 • 4.1 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.

• **4.2 Most important symptoms and effects, both acute and delayed** Sensitising effect by skin contact is possible by prolonged exposure. Suspected of damaging fertility.

Suspected of causing cancer.

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Causes damage to organs through prolonged or repeated exposure.

· Hazards No further relevant information available.

• **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, 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
 5.2 Special hazards arising from the substance or mixture Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters

• **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- 6.3 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.
- **6.4 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.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with the eyes and skin.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· Information about fire - and explosion protection:

Flammable liquid and vapour.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

· 7.2 Conditions for safe storage, including any incompatibilities

Storage:

· Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

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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: 0°C to +35°C

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

CAS: 1330-20-7 xylene (mix)

WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV

CAS: 28553-12-0 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich (DINP; di-"isononyl" phthalate)

WEL Long-term value: 5 mg/m³

CAS: 100-41-4 ethylbenzene

WEL Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Sk

CAS: 108-31-6 maleic anhydride

WEL Short-term value: 3 mg/m³ Long-term value: 1 mg/m³ Sen

· DNELs

CAS: 108-78-1 melamine

Inhalative DNEL 8.3 mg/m3 (workers) (systemic effects)

· Ingredients with biological limit values:

CAS: 1330-20-7 xylene (mix)

BMGV 650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl bippuric ac

Parameter: methyl hippuric acid

· 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.

HSE EH40/2005 Workplace Exposure Limits (as amended)

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- · 8.2 Exposure controls
- · Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

Ensure good ventilation/exhaustion at the workplace.

Do not breathe spray.

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

Wash thoroughly after handling.

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.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.



Wear respiratory protection.

Filter A/P2 For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

Hand protection



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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/face protection



Tightly sealed goggles

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· Body protection:



Protective work clothing

SECTION 9: Physical and chemical properties · 9.1 Information on basic physical and chemical properties · General Information · Colour: White Characteristic · Odour: • Melting point/freezing point: Undetermined. · Boiling point or initial boiling point and boiling range 137-143 °C (CAS: 1330-20-7 xylene (mix)) · Flash point: 39 °C 500 °C · Ignition temperature: Solubility · water: Immiscible / difficult to mix. · Vapour pressure: Not determined. · Density and/or relative density · Density at 20 °C: 1.55 g/cm³ • 9.2 Other information · Appearance: · Form: Viscous · Important information on protection of health and environment, and on safety. Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible. · Solvent content: · VOC (EU) 139.0 g/l · VOC (EC) 139 g/l 8.96 % · Information with regard to physical hazard classes Explosives Void · Flammable gases Void · Aerosols Void Oxidising gases Void · Gases under pressure Void · Flammable liquids Void · Flammable solids Void Self-reactive substances and mixtures Void (Contd. on page 8) - GB



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Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flam	mable	
gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

- · 10.1 Reactivity Stable
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:
- No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Reacts with acids, alkalis and oxidising agents.
- 10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

Nitrogen oxides

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

• 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

• Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

CAS: 108-	-78-1 mela	Imine	
Oral	LD50	3,161 mg/kg (rat)	
CAS: 133	0-20-7 xyle	ene (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 ethy	İbenzene	
Oral	LD50	3,500 mg/kg (rat)	
Dermal	LD50	17,800 mg/kg (rabbit)	
	1	(Contd. on page	

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			(Contd. of page 8)
CAS: 10		eic anhydride	
Oral	LD50	400 mg/kg (rat)	
Dermal	LD50	2,620 mg/kg (rabbit)	
		tation Slight irritation possible.	
		ge/irritation Slight irritation possible.	
		n sensitisation May cause an allergic skin reaction.	
	•	nicity Based on available data, the classification criteria are no	ot met.
Carcino	ed of causi	a concor	
	ctive toxi		
		ging fertility.	
		sure Based on available data, the classification criteria are no	t met.
	peated ex		
		to the urinary tract through prolonged or repeated exposure.	
		Based on available data, the classification criteria are not met	
		ogical information:	
		may cause skin dryness or cracking.	la a a al f ue un the sum due
		lated within the liquid and therefore not expected to be re- tions of use.	leased from the produc
		s respirable droplets may be formed when sprayed. Do not br	eathe spray or mist
		n other hazards	outro opray or mot.
Endocrii	ne disrupt	ing properties	
	=	ents is listed.	
	ine ingrear		
SECTIO	DN 12: E	cological information	
12.1 Tox	icity		
Aquatic	toxicity:		
CAS: 13	30-20-7 xy	lene (mix)	
LC50/96	h 4.2 mg/	L (rainbow trout)	
EC50/48	h 2.93-4.4	l mg/L (daphnia magna)	
12.2 Per	sistence a	nd degradability No further relevant information available.	
		ive potential No further relevant information available.	
		I No further relevant information available.	
12.5 Res	ults of PB	T and vPvB assessment	
	t applicable		
	ot applicab		
		rupting properties	
i ne prod	uct does n	ot contain substances with endocrine disrupting properties.	(Contd. on page 10
			(Conto, on page 10)

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12.7 Other adverse effects

· Ecotoxical effects:

CAS: 1330-20-7 xylene (mix)

IC50/72 h 2.2 mg/L (algae)

· Additional ecological information:

· General notes:

Overall evaluation

Avoid transfer into the environment.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 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.

· European waste catalogue

-	-
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP7	Carcinogenic
HP10	Toxic for reproduction

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.

14.1 UN number or ID number		
ADR, ADN, IMDG, IATA	Void	
14.2 UN proper shipping name		
ADR	Void	
	Void	
ADN, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA		
Class	Void	



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 14.4 Packing group ADR, IMDG, IATA 	Void
 14.5 Environmental hazards: Marine pollutant: 	No
· 14.6 Special precautions for user	Not applicable.
 14.7 Maritime transport in bulk according instruments 	to IMO Not applicable.
· Transport/Additional information:	
· ADR	2.2.3.1.1 (note 1)
·IMDG	2.3.1.3
· IATA	3.3.1.3
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** HSE EH40/2005 Workplace Exposure Limits (as amended)

Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015) STATUTORY INSTRUMENTS 2012 No. 1715 ENVIRONMENTAL PROTECTION | The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012, and any subsequent amendments

"GB- CLP" UK SI 2019 No. 720 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

"UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 The Endocrine Disruptor Lists I, II, III (www.edlists.org)

• REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 52a

 DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

 Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

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(Contd. of page 11) \cdot Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors None of the ingredients is listed. • National regulations: · Information about limitation of use: Employment restrictions concerning juveniles must be observed. Employment restrictions concerning pregnant and lactating women must be observed. • Other regulations, limitations and prohibitive regulations No further relevant information available. Substances of very high concern (SVHC) according to EU REACH, Article 57 CAS: 108-78-1 melamine · Substances of very high concern (SVHC) according to UK REACH Not applicable. • 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out. **SECTION 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. Relevant phrases H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H361f Suspected of damaging fertility. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects. Department issuing SDS: Prepared and verified in accordance with Annex II, Part A, 0.2.3. of "UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019 Abbreviations and acronyms: ADR: Accord relatif au transport international 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

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GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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) DNEL: Derived No-Effect Level (UK REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern 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 Corr. 1B: Skin corrosion/irritation - Category 1B Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Resp. Sens. 1: Respiratory sensitisation - Category 1 Skin Sens. 1A: Skin sensitisation - Category 1A Carc. 2: Carcinogenicity - Category 2 Repr. 2: Reproductive toxicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3 * * Data compared to the previous version altered.

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