

Page 1/11

### Safety data sheet according to 1907/2006/EC, Article 31

Version number: 1.00 Revision: 06.12.2022 Printing date 25.02.2023

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- · 1.1 Product identifier For Industrial, professional and consumer use only
- · Trade name: Big Ben Scaffold Security Identification Paint
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against Surface Coating
- · Application of the substance / the mixture Surface Coating
- · 1.3 Details of the supplier of the safety data sheet
- · Supplier:

Distributed by Leachs

Beacon Park

228 Holme Lacy Road

Hereford, HR2 6BQ

Tel: 01432 346800

Email: sales@leachs.com

www.leachs.com

- · Further information obtainable from: sales@leachs.com
- · 1.4 Emergency telephone number: 01432 346800 (Business Hours)

#### SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H335 May cause respiratory irritation.

STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

· Hazard pictograms



GHS02







· Signal word Warning

· Hazard-determining components of labelling:

Xylene (mix) *cobalt bis*(2-ethylhexanoate)

1,3-bis[12-hydroxy-octadecamide-N-methylene]-benzene

· Hazard statements

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

(Contd. on page 2)

Printing date 25.02.2023 Version number: 1.00 Revision: 06.12.2022

Trade name: SPS30 Colours

(Contd. of page 1)

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H373 May cause damage to the hearing organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· **PBT**: Not applicable. · **vPvB**: Not applicable.

#### SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:		
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	>25-≤50%
CAS: 7779-90-0 EINECS: 231-944-3 Reg.nr.: 01-2119485044-40-0000	trizinc bis(orthophosphate)  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	>2.5-≤10%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate  ♦ Flam. Liq. 3, H226; ♦ STOT SE 3, H336	>2.5- <u>≤</u> 10%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35	ethylbenzene  Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	>2.5- <u>≤</u> 10%
ELINCS: 423-300-7 Reg.nr.: 01-0000016979-49-xxxx	1,3-bis[12-hydroxy-octadecamide-N-methylene]-benzene	≤1%
CAS: 22464-99-9 EINECS: 245-018-1 Reg.nr.: 01-2119979088-21	2-ethylhexanoic acid, zirconium salt  Repr. 2, H361d; Skin Irrit. 2, H315; Eye Irrit. 2, H319	<i>≤</i> 1%
CAS: 136-52-7 EINECS: 205-250-6 Reg.nr.: 01-2119524678-29	cobalt bis(2-ethylhexanoate)  Repr. 1A, H360Fd; Aquatic Acute 1, H400; Deye Irrit. 2, H319; Skin Sens. 1A, H317; Aquatic Chronic 3, H412	≤1%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

- Gl

Printing date 25.02.2023 Version number: 1.00 Revision: 06.12.2022

Trade name: SPS30 Colours

(Contd. of page 2)

### SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:

Supply fresh air and call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. Immediately rinse with water.

· 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 and show safety datasheet or label.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.

### **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.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- · 5.3 Advice for firefighters
- · Protective equipment: Mount respiratory protective device.

### SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.

Prevent seepage into sewage system, workpits and cellars.

Inform respective authorities in case of seepage into water course or sewage system.

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 contaminated material as waste according to item 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

Keep receptacles tightly sealed.

Ensure good ventilation/extraction at the workplace.

Prevent formation of aerosols.

(Contd. on page 4)

Printing date 25.02.2023 Version number: 1.00 Revision: 06.12.2022

Trade name: SPS30 Colours

(Contd. of page 3)

Hygiene measures:

Wash hands before breaks and at the end of workday.

· Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risk of fires, all contaminated materials should be [stored in purpose-built containers or in metal containers with tight-fitting self-closing lids.] or [laid out flat in a single layer to dry] or [placed in a metal container soaked with water] or [washed out well with warm soapy water before disposal.] Contaminated materials should be removed from the workplace at the end of each working day and stored outside.

- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep receptacle tightly sealed and in a well-ventilated place.

Keep away from heat.

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

### SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

	ts with t	imit values that require monitoring at the workplace:	
1330-20-2	<sup>7</sup> Xylene	(mix)	
WEL Sho	rt-term v	value: 441 mg/m³, 100 ppm	
	0	value: 220 mg/m³, 50 ppm	
Sk;	BMGV		
108-65-6	2-metho	xy-1-methylethyl acetate	
WEL Sho	L Short-term value: 548 mg/m³, 100 ppm		
	g-term v	value: 274 mg/m³, 50 ppm	
Sk			
100-41-4	•		
		value: 552 mg/m³, 125 ppm	
	g-term v	value: 441 mg/m³, 100 ppm	
Sk			
		is(2-ethylhexanoate)	
		value: 0.1 mg/m³	
as (	Co; Carc	;, Sen	
<b>DNELs</b>			
1330-20-2	<sup>7</sup> Xylene	(mix)	
Dermal	DNEL	108 mg/day (Con)	
		180 mg/day (Ind)	
Inhalative	DNEL	$14.8 \text{ mg/m}^3 (Con)$	
		$77 \text{ mg/m}^3 (Ind)$	
7779-90-0	trizinc	bis(orthophosphate)	
Oral		0.83 mg/day (Con)	
		83 mg/day (Con)	
Dermal			

(Contd. on page 5)

 Printing date 25.02.2023
 Version number: 1.00
 Revision: 06.12.2022

Trade name: SPS30 Colours

		(Contd. of page
		$5 \text{ mg/m}^3 \text{ (Ind)}$
108-65-62	2-metho	xy-1-methylethyl acetate
Oral	DNEL	1.67 mg/day (Con)
Dermal	DNEL	54.8 mg/day (Con)
		153.5 mg/day (Ind)
Inhalative	DNEL	$33 \text{ mg/m}^3 (Con)$
		275 mg/m³ (Ind)
22464-99-	9 2-ethy	lhexanoic acid, zirconium salt
Oral	DNEL	4.51 mg/day (Con)
Dermal	DNEL	3.25 mg/day (Con)
		6.49 mg/day (Ind)
Inhalative	DNEL	$8.13 \text{ mg/m}^3 (Con)$
		32.97 mg/m³ (Ind)
136-52-7 c	obalt b	is(2-ethylhexanoate)
Oral	DNEL	0.175 mg/day (Con)

#### · PNECs

CAS No. 1330-20-7 Xylene mixed isomers

- Fresh water; 0.327 mg/l
- Marine water; 0.327 mg/l
- Intermittent release; 0.327 mg/l
- STP; 6.58 mg/l
- Sediment (Freshwater); 12.46 mg/kg
- Sediment (Marinewater); 12.46 mg/kg
- Soil; 2.31 mg/kg

#### · Ingredients with biological limit values:

### 1330-20-7 Xylene (mix)

BMGV 650 mmol/mol creatinine

Medium: urine

Sampling time: post shift

Parameter: methyl hippuric acid

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

- · Respiratory protection: When spraying the product, use a respiratory protective device.
- · Protection of hands:

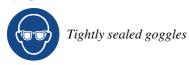


(Contd. on page 6)

 Printing date 25.02.2023
 Version number: 1.00
 Revision: 06.12.2022

Trade name: SPS30 Colours

 $\cdot$  Eye protection:



(Contd. of page 5)

SECTION 9: Physical and chemic	cal properties
9.1 Information on basic physical and ch	nemical properties
General Information	
Appearance:	
Form:	Liquid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	136 °C
Flash point:	24 °C
Flammability (solid, gas):	Flammable.
Ignition temperature:	500 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive a vapour mixtures are possible.
Explosion limits:	
Lower:	1 Vol %
Upper:	7 Vol %
Vapour pressure at 20 °C:	6.7 hPa
Density at 20 °C:	1.109 g/cm³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	NOT MISCIBLE
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
Dynamic at 20 °C:	200 mPas
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	45.2 %
Solids content:	54.2 %
9.2 Other information	No further relevant information available.

 Printing date 25.02.2023
 Version number: 1.00
 Revision: 06.12.2022

Trade name: SPS30 Colours

(Contd. of page 6)

### SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions No dangerous reactions known.
- · 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products:

No dangerous decomposition products when stored and handled correctly

### **SECTION 11: Toxicological information**

- · 11.1 Information on toxicological effects
- · Acute toxicity Based on available data, the classification criteria are not met.

Xylene (m	vant for classification: ix)	
LD50	5,000 mg/kg (Rat)	
LD50	2,000 mg/kg (rbt)	
LC50/4 h	11 mg/l (Rat)	
7779-90-0 trizinc bis(orthophosphate)		
LD50	>5,000 mg/kg (rat)	
LD50	>2,000 mg/kg (rat)	
LC50/4 h	>5.7 mg/l (Rat)	
?-methoxy-	1-methylethyl acetate	
LD50	>5,000 mg/kg (rat)	
LD50	5,000 mg/kg (Rat)	
LC50/4 h	>10.8 mg/l (Rat)	
100-41-4 ethylbenzene		
LD50	3,500 mg/kg (rat)	
LD50	17,800 mg/kg (rbt)	
-hydroxy-o	ctadecamide-N-methylene]-benzene	
LD50	>2,000 mg/kg (rat)	
LD50	>2,000 mg/kg (rab)	
LC50/4 h	>5 mg/l (rat)	
22464-99-9 2-ethylhexanoic acid, zirconium salt		
LD50	2,043 mg/kg (rat)	
LD50	>2,000 mg/kg (rat)	
LC50/4 h	>5 mg/l (rat)	
obalt bis(2	P-ethylhexanoate)	
LD50	3,129 mg/kg (rat)	
LD50	2,100 mg/kg (rat)	
	LD50 LD50 LC50/4 h trizinc biss LD50 LD50 LC50/4 h 2-methoxy- LD50 LC50/4 h 2thylbenzen LD50 LD50 LD50 LD50 LD50 LD50 LD50 LD50	

- · Primary irritant effect:
- · Skin corrosion/irritation

Causes skin irritation.

- · Serious eye damage/irritation
- Causes serious eye irritation.
- · Respiratory or skin sensitisation May cause an allergic skin reaction.

(Contd. on page 8)

Printing date 25.02.2023 Version number: 1.00 Revision: 06.12.2022

Trade name: SPS30 Colours

(Contd. of page 7)

- · Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure

May cause respiratory irritation.

· STOT-repeated exposure

May cause damage to the hearing organs through prolonged or repeated exposure.

· Aspiration hazard Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · Ecotoxical effects:
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · 12.6 Other adverse effects No further relevant information available.

### 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.

- · Uncleaned packaging:
- · Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information	
· 14.1 UN-Number · ADR, IMDG, IATA	UN1263
14.2 UN proper shipping name	
ADR	1263 PAINT, ENVIRONMENTALLY HAZARDOUS
IMDG	PAINT, MARINE POLLUTANT
· IATA	PAINT

(Contd. on page 9)

Printing date 25.02.2023 Version number: 1.00 Revision: 06.12.2022

Trade name: SPS30 Colours

	(Contd. of page 3
· 14.3 Transport hazard class(es)	
· ADR, IMDG	
· Class · Label	3 Flammable liquids. 3
· IATA	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group · ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances trizinc bis(orthophosphate)
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
<ul> <li>14.6 Special precautions for user</li> <li>Hazard identification number (Kemler code):</li> </ul>	Warning: Flammable liquids. 30
· EMS Number:	F-E,S-E
· Stowage Category	$A \stackrel{\checkmark}{=}$
· 14.7 Transport in bulk according to Annex II o Marpol and the IBC Code	of Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· IMDG	51
· Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN ''Model Regulation'':	UN 1263 PAINT, 3, III, ENVIRONMENTALLY HAZARDOUS

### SECTION 15: Regulatory information

- $\cdot$  15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- $\cdot \textit{Named dangerous substances ANNEX I None of the ingredients is listed.}$

(Contd. on page 10)

Printing date 25.02.2023 Version number: 1.00 Revision: 06.12.2022

Trade name: SPS30 Colours

(Contd. of page 9)

· Seveso category

E2 Hazardous to the Aquatic Environment

P5c FLAMMABLE LIQUIDS

- · Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · National regulations:
- · Technical instructions (air):

Class	Share in %
NK	45.2

- · Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
- · 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.

#### · Full text of H-Statements referred to under sections 2 and 3:

- 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.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

H360Fd May damage fertility. Suspected of damaging the unborn child.

- H361d Suspected of damaging the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.
- H413 May cause long lasting harmful effects to aquatic life.

#### · Department issuing SDS: Product safety department: LABORATORY

#### · 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

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)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

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. 2: Serious eye damage/eye irritation - Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation - Category 1A

Repr. 1A: Reproductive toxicity – Category 1A

Repr. 2: Reproductive toxicity – Category 2

 $STOT\,SE\,3\colon Specific\ target\ organ\ toxicity\ (single\ exposure)-Category\,3$ 

(Contd. on page 11)

Page 11/11

# Safety data sheet according to 1907/2006/EC, Article 31

Version number: 1.00 Printing date 25.02.2023 Revision: 06.12.2022

Trade name: SPS30 Colours

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

(Contd. of page 10)

Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3 Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard - Category 4