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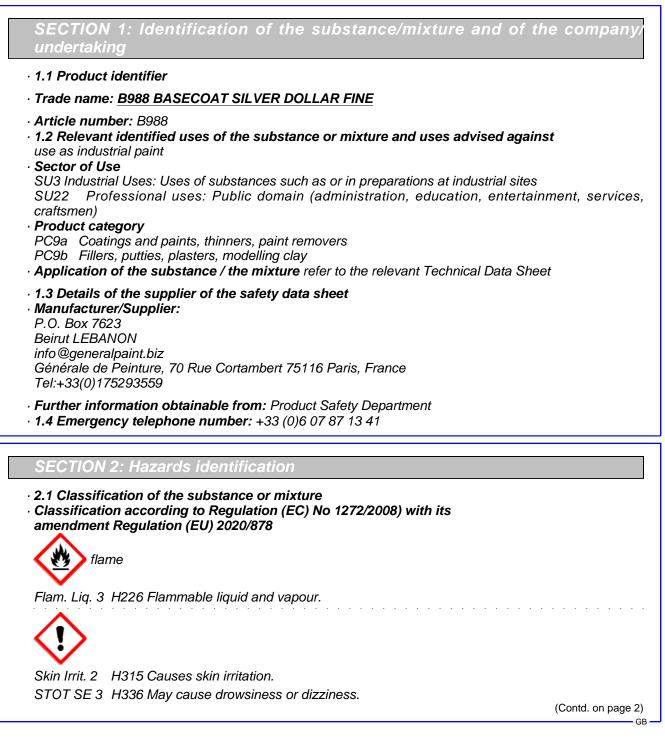
Safety data sheet

according to UK REACH

Printing date 07.08.2024

Version number 1.1

Revision: 06.08.2024





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	(Contd. of page 1
2.2 Label el	
	ccording to Regulation (EC) No 1272/2008
	is classified and labelled according to the GB CLP regulation.
Hazard pict	ograms
^	A
July /	
	\checkmark
GHS02 GI	HS07
Signal word	l Warning
Hazard-dete	ermining components of labelling:
n-butyl aceta	
Hazard stat	
	hable liquid and vapour.
	s skin irritation.
	ause drowsiness or dizziness.
	ary statements
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
	No smoking.
P241	Use explosion-proof [electrical/ventilating/lighting] equipment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P303+P361-	P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse ski
	with water [or shower].
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national
	international regulations.
2.3 Other ha	azards
Results of F	PBT and vPvB assessment
PBT: Not ap	plicable.
vPvB: Not a	pplicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

 Dangerous components: 		
CAS: 123-86-4	n-butyl acetate	>25- <i>≤</i> 50%
EINECS: 204-658-1	🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336	
Reg.nr.: 01-2119485493-29		
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CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119486136-34 05-2116602925-45 01-2119488216-32	xylene ♦ Flam. Lig. 3, H226; ♦ Acute Tox. 4, H312; Acute Tox. 4,	Contd. of page 2) >10-≤25%
CAS: 64742-95-6 EINECS: 265-199-0 Reg.nr.: 01-2119455851-35 05-2116598517-27	Solvent naphtha (petroleum), light arom. � Acute Tox. 4, H332; STOT SE 3, H335	>2.5- <i>≤</i> 10%
CAS: 7429-90-5 EINECS: 231-072-3	aluminium powder (stabilised) 📀 Flam. Sol. 1, H228; Water-react. 2, H261	>2.5-≤10%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35	ethylbenzene	>2.5- <i>≤</i> 10%
· Additional information: Fo	r the wording of the listed hazard phrases refer to section 16.	

SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- **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** 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.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture
- No further relevant information available.
- 5.3 Advice for firefighters
- · Protective equipment: No special measures required.

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SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.
- · 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 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. Prevent formation of aerosols.
- Information about fire and explosion protection: 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: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 3
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Additional information about design of technical facilities: No further data; see section 7.

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

123-86-4 n-butyl acetate

WEL Short-term value: 966 mg/m³, 200 ppm Long-term value: 724 mg/m³, 150 ppm

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4000	(Contd. of page 4
	20-7 xylene
WEL	Short-term value: 441 mg/m ³ , 100 ppm
	Long-term value: 220 mg/m³, 50 ppm Sk: BMGV
100 4	-, -
	1-4 ethylbenzene
WEL	Short-term value: 552 mg/m ³ , 125 ppm
	Long-term value: 441 mg/m³, 100 ppm Sk
-	
-	dients with biological limit values:
	20-7 xylene
BMG	V 650 mmol/mol creatinine
	Medium: urine
	Sampling time: post shift
<u> </u>	Parameter: methyl hippuric acid ional information: The lists valid during the making were used as basis.
Avoia Resp In cas expos	' contact with the skin. ' contact with the eyes and skin. iratory protection: se of brief exposure or low pollution use respiratory filter device. In case of intensive or longe
Mark Street	sure use self-contained respiratory protective device. ction of hands:
Due	
Selec degra	ction of hands: Protective gloves love material has to be impermeable and resistant to the product/ the substance/ the preparation. to missing tests no recommendation to the glove material can be given for the product/ the ration/ the chemical mixture. tion of the glove material on consideration of the penetration times, rates of diffusion and the dation
Selec degra Mate The s qualit subst	ction of hands: Protective gloves Nove material has to be impermeable and resistant to the product/ the substance/ the preparation to missing tests no recommendation to the glove material can be given for the product/ the ration/ the chemical mixture. tion of the glove material on consideration of the penetration times, rates of diffusion and the

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· 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

SECTION 9: Pł	vsical an	d chemical	properties

9.1 Information on basic physical and c General Information	
Appearance:	
Form:	Liquid
Colour:	Silver grey
Odour:	Characteristic
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	124 °C
Flash point:	24 °C
Flammability (solid, gas):	Flammable.
Auto-ignition temperature:	370 °C
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
Vapour pressure at 20 °C:	10.7 hPa
Density at 20 °C:	0.951 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.

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· Evaporation rate	Not determined.	
· Solubility in / Miscibility with		
water:	Not miscible or difficult to mix.	
· Partition coefficient: n-octanol/water:	Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· Solvent content:		
Organic solvents:	75.5 %	
VOC (EC)	717.6 g/l	
Solids content:	24.5 %	
· 9.2 Other information	No further relevant information available.	

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 known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

· LD/LC50 values relevant for classification:

123-86-4 n-butyl acetate				
Oral	LD50	13,100 mg/kg (rat)		
Dermal	LD50	>5,000 mg/kg (rabbit)		
Inhalative	LC50/4 h	>21 mg/l (rat)		
Primary in Skin corrections	osion/irrita	ation		
Causes skin irritation.				

· Serious eye damage/irritation Based on available data, the classification criteria are not met.

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- (Contd. of page 7) • **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- · 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 drowsiness or dizziness.
- · STOT-repeated exposure Based on available data, the classification criteria are not met.
- · 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.
- · 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.

- · 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.

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14.1 UN-Number ADR, IMDG, IATA	UN1263
	5111205
14.2 UN proper shipping name ADR	1263 PAINT
IMDG, IATA	PAINT
14.3 Transport hazard class(es)	NOT APPLICABLE
ADR, IMDG	
Class	3 Flammable liquids.
Label	3
Class Label	6.1 Toxic substances. 3
14.4 Packing group ADR, IMDG, IATA	<i>III</i>
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Flammable liquids.
EMS Number:	F-E, <u>S-Ĕ</u>
Stowage Category	A
14.7 Transport in bulk according to Ann Marpol and the IBC Code	nex II of Not applicable.
Transport/Additional information:	
ADR	۶۱ ۲
Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000
Transport category	3

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30%

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· Tunnel restriction code	D/E
 IMDG 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

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· Poisons Act

Regulated explosives precursors

7664-38-2 phosphoric acid

· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· Seveso category P5c FLAMMABLE LIQUIDS

 \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

- · Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- · 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.

H228 Flammable solid.

H261 In contact with water releases flammable gases.

H304 May be fatal if swallowed and enters airways.

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(Contd. of page 10) H312 Harmful in contact with skin. H315 Causes skin irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. · Department issuing SDS: Product safety department Contact: N/A · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation 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) 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 Flam. Sol. 1: Flammable solids - Category 1 Water-react. 2: Substances and mixtures which in contact with water emit flammable gases - Category 2 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 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. GB