

SAFETY DATA SHEET according to 1907/2006/EC, Article 31

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

Product identifier *For Industrial, professional and consumer only*

- Trade name: ULTRASPEED

1.2 Relevant identified uses of the substance or mixture and uses advised against Surface Coating

- Application of the substance / the mixture
 - Surface Coating
 - Surface Coating

1.3 Details of the supplier of the safety data sheet

- Supplier:
Paintman Paint Ltd
Unit 7, Trinity Park Ind Est,
Sloswicke Drive,
Retford,
England,
DN22 7WQ
UNITED KINGDOM
Tel: 01777 710100
EMAIL: sales@paintman.co.uk

- Further information obtainable from: sales@paintman.co.uk
- 1.4 Emergency telephone number:** +44 (0)1777 710100 (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.
 - STOTSE3 H336 May cause drowsiness or dizziness.
 - STOT RE 1 H372 Causes damage to 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 CLP regulation.

Hazard pictograms



- Signal word **Warning**
- Hazard-determining components of labelling:**
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
- Hazard statements**
 - H226 Flammable liquid and vapour.
 - H336 May cause drowsiness or dizziness.
 - H372 Causes damage to 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.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P405 Store locked up.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains phthalic anhydride, 2-butanone oxime, cobalt bis(2-ethylhexanoate). May produce an allergic reaction.

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 non-hazardous additions.

Dangerous components:

EC number: 919-446-0 Reg.nr.: 01-2119458049-33-xxxx	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) ⚠ Flam. Liq. 3, H226; ⚠ STOT RE 1, H372; Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H336	>10-≤25%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33-xxxx	Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336	>10-≤25%
CAS: 138-86-3 EINECS: 205-341-0 Reg.nr.: 01-2120766421-57-0000	4-isopropenyl-1-methylcyclohexane ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	>1-≤2.5%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35-xxxx	Solvent naphtha (petroleum), light aromatic ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ STOT SE 3, H335-H336	>1-≤2.5%
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	≤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; ⚠ Eye 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.

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; 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.
 - 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 No further relevant information available.

5.3 Advice for firefighters

- Protective equipment:** Put on breathing apparatus

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 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.

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.

- **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

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**

<i>Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics</i>		
OEL	Short-term value: 1200 mg/m ³	
<i>Solvent naphtha (petroleum), light aromatic</i>		
OEL	Long-term value: 100 mg/m ³	
<i>136-52-7 cobalt bis(2-ethylhexanoate)</i>		
WEL	Long-term value: 0.1 mg/m ³ as Co; Carc, Sen	
DNELs		
<i>Hydrocarbons, C9 - C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</i>		
Oral	DNEL	26 mg/day (Con)
Dermal	DNEL	26 mg/day (Con)
Inhalative	DNEL	44 mg/day (Ind)
		71 mg/m ³ (Con)
		330 mg/m ³ (Ind)
<i>Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics</i>		
Oral	DNEL	125 mg/day (Con)
Dermal	DNEL	125 mg/day (Con)
Inhalative	DNEL	208 mg/day (Ind)
		185 mg/m ³ (Con)
		871 mg/m ³ (Ind)
<i>138-86-3 4-isopropenyl-1-methylcyclohexane</i>		
Oral	DNEL	4.76 mg/day (Con)
Dermal	DNEL	111 mg/day (Con)
Inhalative	DNEL	222 mg/day (Ind)
		8.33 mg/m ³ (Con)
		33.3 mg/m ³ (Ind)
<i>Solvent naphtha (petroleum), light aromatic</i>		
Oral	DNEL	11 mg/day (Con)
Dermal	DNEL	11 mg/day (Con)
Inhalative	DNEL	25 mg/day (Ind)
		32 mg/m ³ (Con)
		150 mg/m ³ (Ind)
<i>22464-99-9 2-ethylhexanoic acid, zirconium salt</i>		
Oral	DNEL	4.51 mg/day (Con)
Dermal	DNEL	3.25 mg/day (Con)
Inhalative	DNEL	6.49 mg/day (Ind)
		8.13 mg/m ³ (Con)
		32.97 mg/m ³ (Ind)
<i>136-52-7 cobalt bis(2-ethylhexanoate)</i>		
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
- 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
- **Respiratory protection:** When spraying the product, use a respiratory protective device.
- **Protection of hands:** Protective Gloves
- **Eye protection:** Tightly sealed goggles

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical 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:	139 °C
Flash point:	>37 °C
Flammability (solid, gas):	Flammable
Ignition temperature:	240°C
Decomposition temperature:	Not determined
Auto-ignition temperature:	Product is not self-igniting.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion limits:	
Lower: 0.6 Vol %	0.6 Vol %
Upper:	7.0 Vol %
Vapour pressure at 20 °C:	2 hPa
Density at 20 °C:	0.925 g/cm ³
· 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	53.1 %
Water	0.0%
Solids content:	46.8 %

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 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.

LD/LC50 values relevant for classification:		
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)		
Oral	LD50	>15,000 mg/kg (Rat)
Dermal	LD50	>3,400 mg/kg (Rab)
Inhalative	LC50/4 h	13.1 mg/l (Rat)
Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics		
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rat)
138-86-3 4-isopropenyl-1-methylcyclohexane		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rab)
Solvent naphtha (petroleum), light aromatic		
Oral	LD50	3492 mg/kg (rat)
Dermal	LD50	3160 mg/kg (Rab)
Inhalative	LC50/4 h	>6.193 mg/l (rat)
22464-99-9 2-ethylhexanoic acid, zirconium salt		
Oral	LD50	2043 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4 h	>6.193 mg/l (rat)
136-52-7 cobalt bis(2-ethylhexanoate)		
Oral	LD50	3129 mg/kg (rat)
Dermal	LD50	2100 mg/kg (rat)

Primary irritant effect:

- Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation** May cause an allergic skin reaction.

Additional toxicological information:

- CMR effects (carcinogenicity, 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** Causes damage to 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.

Acute Fish toxicity

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

LC50 9.22 mg/l

Species: Oncorhynchus mykiss (rainbow trout)

Exposure duration: 96 h

Acute toxicity for daphnia

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

EC50 6.14 mg/l

Species: Daphnia magna (Water flea)

Exposure duration: 48 h

Acute toxicity for algae

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

ErC50 2.9 mg/l

Species: Pseudokirchneriella subcapitata (green algae)

Exposure duration: 72 h

Acute bacterial toxicity

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

EC50 1 - 10 mg/l

Ecotoxicology Assessment

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

Chronic aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Data based on the safety data sheet (SDS) by the supplier.

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: Harmful to 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:

- 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 IMDG IATA	1263 PAINT RELATED MATERIAL, ENVIRONMENTALLY HAZARDOUS PAINT RELATED MATERIAL, MARINE POLLUTANT PAINT RELATED MATERIAL
14.3 Transport hazard class(es) ADR, IMDG	
	
	
Class Label	3 Flammable liquids. 3
IATA	
	
Class Label	3 Flammable liquids. 3
14.4 Packing group ADR, IMDG, IATA	III
14.5 Environmental hazards:	Product contains environmentally hazardous substances: 4-isopropenyl-1-methylcyclohexane Symbol (fish and tree) Symbol (fish and tree)
Marine pollutant: · Special marking (ADR):	
14.6 Special precautions for user · Hazard identification number (Kemler code): · EMS Number: · Stowage Category	Warning: Flammable liquids. 30 F-E,S-E A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
Transport/Additional information: ADR · 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
Transport category Tunnel restriction code	3 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 RELATED MATERIAL, 3, III, ENVIRONMENTALLY HAZARDOUS



SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **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	53.1

- **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:

- H226 Flammable liquid and vapour.
- H301 Toxic if swallowed.
- 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.
- H318 Causes serious eye damage.
- H336 May cause drowsiness or dizziness.
- H350 May cause cancer.
- H370 Causes damage to organs.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

- **Department issuing SDS:** Product safety department: LABORATORY
- **Contact:** Health & Safety Officer

• 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)
- DNEL: Derived No-Effect Level (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Carc. 1B: Carcinogenicity – Category 1B
- STOT SE 1: Specific target organ toxicity (single exposure) – Category 1
- 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 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