

**Safety Data Sheet**

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878  
Issue date: 8/12/2020 Revision date: 3/28/2022 Supersedes: 7/27/2021 Version: 2.1

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture  
Name : Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver  
Other means of identification : UFI Black: P5D2-7XFV-5U18-K0KA  
UFI Blue: D1E2-9XCU-7U16-6EDY  
UFI Brown: SME2-UX6M-CU1N-TTGE  
UFI Green: 06E2-9XRM-UU16-H3K3  
UFI Orange: QFE2-TXTT-RU1P-G4A9  
UFI Purple: NYE2-UXY6-KU1N-F5TP  
UFI Red: E7C2-NXVG-SU1T-985M  
UFI Silver: TTE2-UXKD-YU1N-4GNJ

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.2.1. Relevant identified uses**

Main use category : Professional use, Industrial use  
Use of the substance/mixture : Marking.

**1.2.2. Uses advised against**

Restrictions on use : No data available

**1.3. Details of the supplier of the safety data sheet**

LA-CO Industries Europe  
Parc Industriel de la Plaine de l'Ain - Allée des Combes  
01150 Blyes  
France  
T +33 474462323 - F +33 (0)4 74 46 23 29  
[info-europe@laco.com](mailto:info-europe@laco.com) - [www.markal-city.com](http://www.markal-city.com)

Supplier: Transfer Multisort Elektronik Ltd.  
Coleshill, Birmingham Coleshill House Suite 1C, 1 Station Road  
+44 1675790026 e-mail: [office@tme-uk.eu](mailto:office@tme-uk.eu)

**1.4. Emergency telephone number**

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887;  
全国应急中心 0532 8388 9090

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX Llandough	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Edinburgh Centre) Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	Only for healthcare professionals
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB Newcastle	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for healthcare professionals

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification according to Regulation (EC) No. 1272/2008 [CLP]

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Flammable liquids, Category 2 H225  
Acute toxicity (inhalation:dust,mist) Category 4 H332  
Serious eye damage/eye irritation, Category 2 H319  
Full text of H- and EUH-statements: see section 16

### Adverse physicochemical, human health and environmental effects

No data available

## 2.2. Label elements

### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP: Classification, Labelling, Packaging.)



GHS02



GHS07

Signal word (CLP) : Danger  
Contains : Cyclohexanone  
Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.  
H319 - Causes serious eye irritation.  
H332 - Harmful if inhaled.  
Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground and bond container and receiving equipment.  
P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTRE or doctor if you feel unwell.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
EUH-statements : EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

## 2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Toluene (108-88-3)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

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### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cyclohexanone	CAS-No.: 108-94-1 EC-No.: 203-631-1 EC Index-No.: 606-010-00-7 REACH-no: 01-2119453616-35	30 - 50	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332
pentan-2-one	CAS-No.: 107-87-9 EC-No.: 203-528-1	20 - 40	Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Titanium dioxide	CAS-No.: 13463-67-7 EC-No.: 236-675-5 EC Index-No.: 022-006-00-2	0 - 15	Carc. 2, H351
Aluminium (Note T)	CAS-No.: 7429-90-5 EC-No.: 231-072-3 EC Index-No.: 013-002-00-1 REACH-no: 01-2119529243-45	0 - 10	Flam. Sol. 1, H228 Water-react. 2, H261
Carbon black	CAS-No.: 1333-86-4 EC-No.: 215-609-9	0 - 5	Not classified
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170	CAS-No.: 2786-76-7 EC-No.: 220-509-3	0 - 5	Not classified
Silicon dioxide (amorphous)	CAS-No.: 112926-00-8 EC-No.: 231-545-4	0 - 2	Not classified
Ethyl acetate	CAS-No.: 141-78-6 EC-No.: 205-500-4 EC Index-No.: 607-022-00-5	1 - 2	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
[N,N,N',N',N'',N''-hexaethyl-29H,31H-phthalocyaninetrimethylaminato(2-)-N29,N30,N31,N32]copper	CAS-No.: 28654-73-1 EC-No.: 249-125-4	0 - 0.5	Skin Sens. 1B, H317
2-methoxy-1-methylethyl acetate	CAS-No.: 108-65-6 EC-No.: 203-603-9 EC Index-No.: 607-195-00-7	0 - 0.5	Flam. Liq. 3, H226
barium sulfate	CAS-No.: 7727-43-7 EC-No.: 231-784-4	0 - 0.5	Not classified
Toluene	CAS-No.: 108-88-3 EC-No.: 203-625-9 EC Index-No.: 601-021-00-3	<0.1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Aluminum oxide	CAS-No.: 1344-28-1 EC-No.: 215-691-6	0 - 0.5	Not classified
Butyl acetate	CAS-No.: 123-86-4 EC-No.: 204-658-1 EC Index-No.: 607-025-00-1	<0.1	Flam. Liq. 3, H226 STOT SE 3, H336
2-methoxypropyl acetate	CAS-No.: 70657-70-4 EC-No.: 274-724-2 EC Index-No.: 607-251-00-0	<0.1	Flam. Liq. 3, H226 Repr. 1B, H360D STOT SE 3, H335

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-methylpropan-1-ol	CAS-No.: 78-83-1 EC-No.: 201-148-0 EC Index-No.: 603-108-00-1	<0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 STOT SE 3, H336
Hexachlorobenzene	CAS-No.: 118-74-1 EC-No.: 204-273-9 EC Index-No.: 602-065-00-6	<0.1	Carc. 1B, H350 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

### Specific concentration limits:

Name	Product identifier	Specific concentration limits
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170	CAS-No.: 2786-76-7 EC-No.: 220-509-3	( 10 ≤C ≤ 100) Skin Sens. 1, H317

Note T : This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet. Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Rinse mouth. Call a POISON CENTER/doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: Harmful if inhaled. Inhalation may cause: irritation, coughing, shortness of breath.
Symptoms/effects after eye contact	: Causes serious eye irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None known.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Highly flammable liquid and vapour. Heavier than air, vapours may travel long distances along ground, ignite and flash back to source. Flammable vapours may accumulate in the container.
Explosion hazard	: Heat may build pressure, rupturing closed containers.
Reactivity in case of fire	: No dangerous reactions known.

### 5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. In case of fire: stop leak if safe to do so. Do not allow run-off from fire fighting to enter drains or water courses.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

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Use self-contained breathing apparatus. EN469.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Use special care to avoid static electric charges. Avoid all eye and skin contact and do not breathe vapour and mist.

##### 6.1.1. For non-emergency personnel

Protective equipment : Refer to section 8.2.  
Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Refer to section 8.2.  
Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

For containment : Absorb and/or contain spill with inert material, then place in suitable container.  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Take up in non-combustible absorbent material and shove into container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation.

#### 6.4. Reference to other sections

Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : No open flames. No smoking. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Do not breathe vapours. Avoid contact with skin and eyes. Do not breathe aerosol.  
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition.  
Incompatible products : Moisture. Alkali. Oxidizer. acid.  
Incompatible materials : Heat sources.  
Heat and ignition sources : Keep away from heat, sparks and flame.  
Prohibitions on mixed storage : Keep away from incompatible materials.

#### 7.3. Specific end use(s)

Marking.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

Ethyl acetate (141-78-6)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Ethyl acetate
IOEL TWA	734 mg/m <sup>3</sup>
IOEL TWA [ppm]	200 ppm
IOELV STEL (mg/m <sup>3</sup> )	1468 mg/m <sup>3</sup>
IOELV STEL (ppm)	400 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
United Kingdom - Occupational Exposure Limits	

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### Ethyl acetate (141-78-6)

WEL TWA (mg/m³)	730 mg/m³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m³)	1460 mg/m³
WEL STEL (OEL STEL) [ppm]	400 ppm

### Cyclohexanone (108-94-1)

#### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Cyclohexanone
IOEL TWA	40.8 mg/m³
IOEL TWA [ppm]	10 ppm
IOELV STEL (mg/m³)	81.6 mg/m³
IOELV STEL (ppm)	20 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	41 mg/m³ (Sk)
WEL TWA (ppm)	10 ppm (Sk) 2 ppm (cyclohexanol/mol creatine in urine, Posr shift)
WEL STEL (mg/m³)	82 mg/m³ (Sk)
WEL STEL (OEL STEL) [ppm]	20 ppm (Sk)

### Aluminum oxide (1344-28-1)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	10 mg/m³ (inhalable aerosol) 4 mg/m³ (respirable aerosol)
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### Silicon dioxide (amorphous) (112926-00-8)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	6 mg/m³ (inhalable aerosol) 2.4 mg/m³ (respirable aerosol)
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### Titanium dioxide (13463-67-7)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	10 mg/m³ inhalable aerosol 4 mg/m³ respirable aerosol
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### Butyl acetate (123-86-4)

#### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	n-Butyl acetate
IOEL TWA	241 mg/m³
IOEL TWA [ppm]	50 ppm
IOELV STEL (mg/m³)	723 mg/m³
IOELV STEL (ppm)	150 ppm
Regulatory reference	COMMISSION DIRECTIVE (EU) 2019/1831

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### Butyl acetate (123-86-4)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	724 mg/m³
WEL TWA (ppm)	150 ppm
WEL STEL (mg/m³)	966 mg/m³
WEL STEL (OEL STEL) [ppm]	200 ppm

### 2-methoxy-1-methylethyl acetate (108-65-6)

#### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	2-Methoxy-1-methylethylacetate
IOEL TWA	275 mg/m³
IOEL TWA [ppm]	50 ppm
IOELV STEL (mg/m³)	550 mg/m³
IOELV STEL (ppm)	100 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	274 mg/m³
WEL TWA (ppm)	50 ppm
WEL STEL (mg/m³)	548 mg/m³
WEL STEL (OEL STEL) [ppm]	100 ppm
Remark	(Sk)

### 2-methylpropan-1-ol (78-83-1)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	154 mg/m³
WEL TWA (ppm)	50 ppm
WEL STEL (mg/m³)	231 mg/m³
WEL STEL (OEL STEL) [ppm]	75 ppm

### Toluene (108-88-3)

#### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Toluene
IOEL TWA	192 mg/m³
IOEL TWA [ppm]	50 ppm
IOELV STEL (mg/m³)	384 mg/m³
IOELV STEL (ppm)	100 ppm
Notes	Skin
Regulatory reference	COMMISSION DIRECTIVE 2006/15/EC

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	191 mg/m³
WEL TWA (ppm)	50 ppm

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### Toluene (108-88-3)

WEL STEL (mg/m³)	384 mg/m³
WEL STEL (OEL STEL) [ppm]	100 ppm
Remark	(Sk)

### pentan-2-one (107-87-9)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	716 mg/m³
WEL TWA (ppm)	200 ppm
WEL STEL (mg/m³)	895 mg/m³
WEL STEL (OEL STEL) [ppm]	250 ppm

### Carbon black (1333-86-4)

#### United Kingdom - Occupational Exposure Limits

Local name	Carbon black
WEL TWA (mg/m³)	3.5 mg/m³
WEL STEL (mg/m³)	7 mg/m³

### barium sulfate (7727-43-7)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	10 mg/m³ inhalable aerosol 4 mg/m³ respirable aerosol
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### Hexachlorobenzene (118-74-1)

#### EU - Indicative Occupational Exposure Limit (IOEL)

Local name	Hexachlorobenzene
Notes	Skin. (Year of adoption 2016) Skin. (Year of adoption 2016)
Regulatory reference	SCOEL Recommendations SCOEL Recommendations

#### EU - Biological Limit Value (BLV)

Local name	Hexachlorobenzene
BLV	150 µg/l Parameter: hexachlorobenzene - Medium: serum or plasma
Regulatory reference	SCOEL List of recommended health-based BLVs and BGVs

### Aluminium (7429-90-5)

#### United Kingdom - Occupational Exposure Limits

WEL TWA (mg/m³)	10 mg/m³ (inhalable dust) 4 mg/m³ (respirable dust)
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#### 8.1.2. Recommended monitoring procedures

No data available

#### 8.1.3. Air contaminants formed

No data available

#### 8.1.4. DNEL and PNEC

No data available

#### 8.1.5. Control banding



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No data available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

##### Appropriate engineering controls:

Provide local exhaust ventilation of closed transfer systems to minimize exposures. Avoid creating mist or spray. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

#### 8.2.2. Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure.

##### 8.2.2.1. Eye and face protection

###### Eye protection:

Chemical goggles or safety glasses. EN166

##### 8.2.2.2. Skin protection

###### Hand protection:

In case of repeated or prolonged contact wear gloves. Butyl rubber gloves. short term. nitrile rubber gloves. EN374

##### 8.2.2.3. Respiratory protection

###### Respiratory protection:

None under normal use

##### 8.2.2.4. Thermal hazards

No data available

### 8.2.3. Environmental exposure controls

##### Other information:

Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Variable.
Appearance	: Opaque liquid.
Odour	: Solvent.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 103 °C
Flammability	: Highly flammable liquid and vapour.
Explosive properties	: Product is not explosive.
Oxidising properties	: No oxidizing properties.
Explosive limits	: Not available
Lower explosion limit	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 8 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: Not available
Solubility	: Not available
Log Kow	: Not available
Vapour pressure	: Not available
Vapour pressure at 50 °C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20 °C	: Not available
Particle size	: Not applicable
Particle size distribution	: Not applicable
Particle shape	: Not applicable

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Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No data available

#### 9.2.2. Other safety characteristics

VOC content : 67 %

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known.

### 10.2. Chemical stability

Highly flammable liquid and vapour.

### 10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

### 10.4. Conditions to avoid

Keep away from sources of ignition.

### 10.5. Incompatible materials

Oxidizing agent. Moisture. Alkali. acid.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : metallic oxides. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

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

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Harmful if inhaled.

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ATE (dust,mist)	1.504 mg/l/4h
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#### Ethyl acetate (141-78-6)

LD50 Oral rat	4934 mg/kg
LD50 oral	10200 mg/kg
LD50 Dermal rabbit	> 20000 mg/kg
LC50 Inhalation rat	> 18 mg/l/4h

#### Aluminum oxide (1344-28-1)

LD50 Oral rat	> 10000 mg/kg Source: ECHA
LC50 Inhalation rat	7.6 mg/l/4h
LC50 Inhalation rat (dust/mist)	> 2.3 mg/l Source: ECHA

#### Silicon dioxide (amorphous) (112926-00-8)

LD50 Oral rat	> 5000 mg/kg
LD50 Dermal rabbit	> 2000 mg/kg
LC50 Inhalation rat	> 58.8 mg/l/4h

#### Titanium dioxide (13463-67-7)

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<b>Titanium dioxide (13463-67-7)</b>	
LD50 Oral rat	> 5000 mg/kg
LC50 Inhalation rat	> 6.82 mg/l/4h
<b>Butyl acetate (123-86-4)</b>	
LD50 Oral rat	10760 mg/kg
LD50 Dermal rabbit	> 14112 mg/kg
LC50 Inhalation rat	> 21 mg/l/4h
LC50 Inhalation rat (vapours)	1802 mg/l Source: ECHA
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
LD50 Oral rat	8532 mg/kg
LD50 Dermal rat	> 2000 mg/kg
LC50 Inhalation rat [ppm]	4345 ppm 6 h
<b>2-methoxypropyl acetate (70657-70-4)</b>	
LC50 Inhalation rat [ppm]	2700 ppm 6 h
<b>2-methylpropan-1-ol (78-83-1)</b>	
LD50 Oral rat	3350 mg/kg
LD50 Dermal rabbit	2460 mg/kg
LC50 Inhalation rat	24.6 mg/l/4h
<b>Toluene (108-88-3)</b>	
LD50 Oral rat	5580 mg/kg EU Method B.
LD50 Dermal rabbit	> 5000 mg/kg Source: ECHA
LC50 Inhalation rat	> 20 mg/l/4h OECD Guideline 403
LC50 Inhalation rat (vapours)	> 20 mg/l Source: ECHA
<b>pentan-2-one (107-87-9)</b>	
LD50 Oral rat	1600 (1600 – 3200) mg/kg
LC50 Inhalation rat	25.5 mg/l/4h
<b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (2786-76-7)</b>	
LD50 Oral rat	> 15000 mg/kg
LC50 Inhalation rat	> 1580 mg/m³ 4 h
<b>Carbon black (1333-86-4)</b>	
LD50 Oral rat	> 8000 mg/kg
LC50 Inhalation rat	> 4.6 mg/m³ 4 h
<b>barium sulfate (7727-43-7)</b>	
LD50 Oral rat	307 g/kg
LD50 Dermal rat	> 2000 mg/kg
<b>[N,N,N',N'',N''',N'''-hexaethyl-29H,31H-phthalocyaninetrimethylaminato(2-)-N29,N30,N31,N32]copper (28654-73-1)</b>	
LD50 Oral rat	> 10000 mg/kg
LD50 Dermal rat	> 2500 mg/kg

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<b>Hexachlorobenzene (118-74-1)</b>	
LD50 Oral rat	3500 mg/kg
<b>Aluminium (7429-90-5)</b>	
LD50 Oral rat	> 15900 mg/kg
LC50 Inhalation rat	> 2.3 mg/l/4h
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified. (Based on available data, the classification criteria are not met. 4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) not sensitizing <10%)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
<b>Cyclohexanone (108-94-1)</b>	
IARC group	3 - Not classifiable
<b>Silicon dioxide (amorphous) (112926-00-8)</b>	
IARC group	3 - Not classifiable
<b>Titanium dioxide (13463-67-7)</b>	
IARC group	2B - Possibly carcinogenic to humans
<b>Toluene (108-88-3)</b>	
IARC group	3 - Not classifiable
<b>Carbon black (1333-86-4)</b>	
IARC group	2B - Possibly carcinogenic to humans, Inhalation of dust
<b>Hexachlorobenzene (118-74-1)</b>	
IARC group	2B - Possibly carcinogenic to humans
<b>Titanium dioxide (13463-67-7)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	5 mg/kg bodyweight rat
<b>barium sulfate (7727-43-7)</b>	
NOAEL (chronic, oral, animal/male, 2 years)	60 mg/kg bodyweight
NOAEL (chronic, oral, animal/female, 2 years)	75 mg/kg bodyweight
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
<b>Ethyl acetate (141-78-6)</b>	
NOAEL (animal/male, F0/P)	26400 mg/kg
NOAEL (animal/female, F0/P)	26400 mg/kg
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
<b>Ethyl acetate (141-78-6)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>Butyl acetate (123-86-4)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
<b>2-methoxypropyl acetate (70657-70-4)</b>	
STOT-single exposure	May cause respiratory irritation.

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<b>2-methylpropan-1-ol (78-83-1)</b>	
STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.
<b>Toluene (108-88-3)</b>	
STOT-single exposure	May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
<b>Ethyl acetate (141-78-6)</b>	
NOAEL (subchronic, oral, animal/male, 90 days)	900 mg/kg bodyweight
NOAEL (subchronic, oral, animal/female, 90 days)	900 mg/kg bodyweight
<b>Aluminum oxide (1344-28-1)</b>	
NOAEL (oral, rat, 90 days)	322.5 mg/kg bodyweight/day
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	≥ 0.075 mg/l/6h/day
<b>Butyl acetate (123-86-4)</b>	
LOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)
NOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.2650 (90-Day Oral Toxicity in Rodents)
<b>Toluene (108-88-3)</b>	
LOAEC (inhalation, rat, gas, 90 days)	1250 ppmv/6h/day
NOAEL (oral, rat, 90 days)	625 mg/kg bodyweight/day EU Method B.26.
NOAEC (inhalation, rat, gas, 90 days)	300 ppmv/6h/day OECD Guideline 453
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
<b>Hexachlorobenzene (118-74-1)</b>	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
<b>Aluminium (7429-90-5)</b>	
NOAEL (subchronic, oral, animal/male, 90 days)	1034 mg/kg bodyweight Animal: dog, Animal sex: male, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)
NOAEL (subchronic, oral, animal/female, 90 days)	1087 mg/kg bodyweight Animal: dog, Animal sex: female, Guideline: OECD Guideline 409 (Repeated Dose 90-Day Oral Toxicity Study in Non-Rodents)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

### 11.2. Information on other hazards

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short—term (acute) : Not classified

Hazardous to the aquatic environment, long—term (chronic) : Not classified

<b>Ethyl acetate (141-78-6)</b>	
LC50 fish 1	220 mg/l
EC50 crustacea	1200 mg/l
NOEC chronic fish	> 75.6 mg/l 32 d
<b>Aluminum oxide (1344-28-1)</b>	

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<b>Aluminum oxide (1344-28-1)</b>	
LC50 fish 1	114.97 mg/l pH 8; read-across AlCl <sub>3</sub>
EC50 crustacea	1470 mg/l
EC50 72h - Algae [1]	1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 96h - Algae [1]	> 0.024 mg/l Source: ECHA
NOEC (acute)	50 mg/l
<b>Silicon dioxide (amorphous) (112926-00-8)</b>	
LC50 fish 1	> 10000 mg/l
EC50 crustacea	> 1000 mg/l
<b>Titanium dioxide (13463-67-7)</b>	
EC50 other aquatic organisms 1	> 100 mg/l Test organisms (species):
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
<b>Butyl acetate (123-86-4)</b>	
LC50 fish 1	18 mg/l Source: ECHA
EC50 crustacea	44 mg/l Source: ECHA
EC50 72h - Algae [1]	335 mg/l Source: ECHA
EC50 72h - Algae [2]	246 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	47.6 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	23.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
LC50 fish 1	100 – 180 mg/l
EC50 crustacea	> 500 mg/l 48 h
ErC50 algae	> 1000 mg/l
<b>2-methylpropan-1-ol (78-83-1)</b>	
LC50 fish 1	1430 mg/l 96 h
EC50 crustacea	1100 mg/l 48 h
<b>Toluene (108-88-3)</b>	
LC50 fish 1	5.5 mg/l
EC50 crustacea	3.78 mg/l Source: ECHA
EC50 - Crustacea [2]	3.78 mg/l
ErC50 algae	134 mg/l
LOEC (chronic)	2.77 mg/l
NOEC chronic fish	1.39 mg/l
NOEC chronic crustacea	0.74 mg/l
<b>pentan-2-one (107-87-9)</b>	

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pentan-2-one (107-87-9)	
LC50 fish 1	1240 mg/l 96 h
EC50 crustacea	> 110 mg/l 48 h
ErC50 algae	> 150 mg/l 72 h

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (2786-76-7)	
LC50 fish 1	> 500 mg/l 96 h
EC50 crustacea	> 110 mg/l 48 h

barium sulfate (7727-43-7)	
LC50 fish 1	> 3.5 mg/l 96 h
EC50 crustacea	14500 µg/l 48 h

[N,N,N',N',N'',N''-hexaethyl-29H,31H-phthalocyaninetrimethylaminato(2-)-N29,N30,N31,N32]copper (28654-73-1)	
LC50 fish 1	> 146 mg/l 96 h
EC50 crustacea	> 100 mg/l 48 h

Aluminium (7429-90-5)	
LC50 fish 1	218.64 mg/l ASTM 2000; test material: aluminium chloride hexahydrate; Pimephales promelas
EC50 crustacea	1.4 mg/l OECD Guideline 202; test material: Aluminium hydroxide
EC50 72h - Algae [1]	1.05 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	0.2 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (acute)	≈ 72.89 mg/l
NOEC (acute)	≈ 37.2 mg/l

### 12.2. Persistence and degradability

Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver	
Persistence and degradability	Not established.

Ethyl acetate (141-78-6)	
Persistence and degradability	Readily biodegradable.

Aluminum oxide (1344-28-1)	
Persistence and degradability	Not established.

Silicon dioxide (amorphous) (112926-00-8)	
Persistence and degradability	Product persists.

2-methoxy-1-methylethyl acetate (108-65-6)	
Persistence and degradability	Readily biodegradable.
Biodegradation	89 % 10 d

2-methylpropan-1-ol (78-83-1)	
Biodegradation	70 (70 – 80) % 28 d

Toluene (108-88-3)	
Persistence and degradability	Readily biodegradable.

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<b>pentan-2-one (107-87-9)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	70 % 28 d
<b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (2786-76-7)</b>	
Persistence and degradability	Not readily biodegradable.
Biodegradation	0 % 28 d
<b>Carbon black (1333-86-4)</b>	
Persistence and degradability	Not readily biodegradable.

### 12.3. Bioaccumulative potential

<b>Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver</b>	
Bioaccumulative potential	Not established.
<b>Ethyl acetate (141-78-6)</b>	
Bioaccumulative potential	Not expected to bioaccumulate.
<b>Aluminum oxide (1344-28-1)</b>	
Bioaccumulative potential	Not established.
<b>Butyl acetate (123-86-4)</b>	
Log Pow	1.78 Source: HSDB
<b>2-methoxy-1-methylethyl acetate (108-65-6)</b>	
Log Pow	0.43
<b>2-methylpropan-1-ol (78-83-1)</b>	
Log Pow	0.76
<b>Toluene (108-88-3)</b>	
Bioconcentration factor (BCF REACH)	90
Log Pow	2.73 Source: HSDB
Log Kow	2.73
<b>pentan-2-one (107-87-9)</b>	
Log Pow	0.857
<b>4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (2786-76-7)</b>	
BCF fish 1	53 l/kg
Log Pow	1.28
<b>barium sulfate (7727-43-7)</b>	
BCF fish 1	68.4 L/kg
<b>Hexachlorobenzene (118-74-1)</b>	
Log Pow	5 – 6.92

### 12.4. Mobility in soil

<b>Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver</b>	
Ecology - soil	Not established.

### 12.5. Results of PBT and vPvB assessment



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PBT: not yet assessed

vPvB: not yet assessed

#### Component

Toluene (108-88-3)

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII  
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

#### 12.6. Endocrine disrupting properties

No data available

#### 12.7. Other adverse effects

Additional information : No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Sewage disposal recommendations

: Do not dispose of waste into sewer.

Waste disposal recommendations

: Dispose in a safe manner in accordance with local/national regulations.

European List of Waste (LoW) code

: For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

HP Code

: HP3 - "Flammable:"

— flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;

— flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;

— flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;

— flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;

— water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;

— other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.

HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

#### 14.1. UN number or ID number

UN-No. (ADR) : UN 1263

UN-No. (IMDG) : UN 1263

UN-No. (IATA) : UN 1263

UN-No. (ADN) : UN 1263

UN-No. (RID) : UN 1263

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : PAINT

Proper Shipping Name (IMDG) : PAINT

Proper Shipping Name (IATA) : PAINT

Proper Shipping Name (ADN) : PAINT

Proper Shipping Name (RID) : PAINT

Transport document description (ADR) : UN 1263 PAINT, 3, II, (D/E)

Transport document description (IMDG) : UN 1263 PAINT, 3, II

Transport document description (IATA) : UN 1263 PAINT, 3, II

Transport document description (ADN) : UN 1263 PAINT, 3, II

Transport document description (RID) : UN 1263 PAINT, 3, II

#### 14.3. Transport hazard class(es)

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### ADR

Transport hazard class(es) (ADR) : 3  
Danger labels (ADR) : 3  
:



### IMDG

Transport hazard class(es) (IMDG) : 3  
Danger labels (IMDG) : 3  
:



### IATA

Transport hazard class(es) (IATA) : 3  
Danger labels (IATA) : 3  
:



### ADN

Transport hazard class(es) (ADN) : 3  
Danger labels (ADN) : 3  
:



### RID

Transport hazard class(es) (RID) : 3  
Danger labels (RID) : 3  
:



### 14.4. Packing group

Packing group (ADR) : II  
Packing group (IMDG) : II  
Packing group (IATA) : II  
Packing group (ADN) : II  
Packing group (RID) : II

### 14.5. Environmental hazards

Dangerous for the environment : No  
Marine pollutant : No  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### Overland transport

Classification code (ADR) : F1  
Special provisions (ADR) : 163, 367, 640C, 650  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E2

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Packing instructions (ADR)	: P001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP8, TP28
Tank code (ADR)	: L1.5BN
Vehicle for tank carriage	: FL
Transport category (ADR)	: 2
Special provisions for carriage - Operation (ADR)	: S2, S20
Hazard identification number (Kemler No.)	: 33
Orange plates	:



Tunnel restriction code (ADR)	: D/E
EAC code	: •3YE

### Transport by sea

Special provisions (IMDG)	: 163, 367
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP8, TP28
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: B

### Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3, A72, A192
ERG code (IATA)	: 3L

### Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 163, 367, 640C, 650
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E2
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 1

### Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 163, 367, 640C, 650
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4

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Portable tank and bulk container special provisions (RID) : TP1, TP8, TP28

Tank codes for RID tanks (RID) : L1.5BN

Transport category (RID) : 2

Colis express (express parcels) (RID) : CE7

Hazard identification number (RID) : 33

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### EU restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
28.	Hexachlorobenzene	Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively.
3(a)	Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver ; Ethyl acetate ; Cyclohexanone ; Butyl acetate ; 2-methoxy-1-methylethyl acetate ; 2-methoxypropyl acetate ; 2-methylpropan-1-ol ; Toluene ; pentan-2-one	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver ; Ethyl acetate ; Cyclohexanone ; Butyl acetate ; 2-methoxypropyl acetate ; 2-methylpropan-1-ol ; Toluene ; pentan-2-one	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	Toluene	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
30.	2-methoxypropyl acetate	Substances which are classified as reproductive toxicant category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or Appendix 6, respectively.
40.	Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver ; Ethyl acetate ; Cyclohexanone ; Butyl acetate ; 2-methoxy-1-methylethyl acetate ; 2-methoxypropyl acetate ; 2-methylpropan-1-ol ; Toluene ; pentan-2-one ; Aluminium	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.
48.	Toluene	Toluene

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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Substances subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals: Hexachlorobenzene (118-74-1)

Contains substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants: Hexachlorobenzene (118-74-1)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content : 67 %

### 15.1.2. National regulations

All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

### Indication of changes

Section	Changed item	Change	Comments
16	SDS EU format	Modified	SDS EU format according to COMMISSION REGULATION (EU) 2020/878

### Abbreviations and acronyms:

	ATE: Acute Toxicity Estimate
	CAS (Chemical Abstracts Service) number
	CLP: Classification, Labelling, Packaging.
	EC50: Environmental Concentration associated with a response by 50% of the test population.
	GHS: Globally Harmonized System (of Classification and Labeling of Chemicals).
	LD50: Lethal Dose for 50% of the test population
	OSHA: Occupational Safety & Health Administration
	PBT: Persistent, Bioaccumulative, Toxic
	TWA: Time Weighted Average
	TSCA: Toxic Substances Control Act

### Data sources

: ESIS (European chemical Substances Information System; accessed at: <http://esis.jrc.ec.europa.eu/index.php?PGM=cla>. ACGIH 2000. European Chemicals Agency (ECHA) Registered Substances list. Accessed at <http://echa.europa.eu/>. Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association; Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. TSCA Chemical Substance Inventory. Accessed at <http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html>.

### Other information

: None.

### Full text of H- and EUH-statements:

	EUH211: Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

# Paint-Riter™ + Oily Surface Black, Blue, Brown, Green, Orange, Purple, Red, Silver

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878

### Full text of H- and EUH-statements:

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 1	Flammable solids, Category 1
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H261	In contact with water releases flammable gases.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
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.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360D	May damage the unborn child.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
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.
Repr. 1B	Reproductive toxicity, Category 1B
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B

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## Safety Data Sheet

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### Full text of H- and EUH-statements:

STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 2	H225	On basis of test data
Acute Tox. 4 (Inhalation:dust,mist)	H332	Calculation method
Eye Irrit. 2	H319	Calculation method

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.