

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Issue date: 10/13/2020 Revision date: 6/10/2021 Supersedes: 2/24/2021 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

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
Use of the substance/mixture : Marking.

1.2.2. Uses advised against

Restrictions on use : Any use not specified

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 - www.markal-city.com

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	
United Kingdom	National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital	Penarth CF64 2XX Cardiff	0344 892 0111	
United Kingdom	National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh	Little France Crescent EH16 4SA Edinburgh	0344 892 0111	
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, Wolfson Unit	Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	0344 892 0111	
United Kingdom	National Poisons Information Service (Belfast Centre)	Grosvenor Road BT12 6BA Belfast	0344 892 0111	

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Country	Organisation/Company	Address	Emergency number	Comment
	Royal Victoria Hospital			

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin sensitisation, Category 1

H317

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.)



GHS07

Signal word (CLP)

: Warning

Contains

: rosin

Hazard statements (CLP)

: H317 - May cause an allergic skin reaction.

Precautionary statements (CLP)

: P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements

: (Jumbo White, Hex White, Hex Yellow, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Blue, Green, Gray, Orange, Pink, Purple, White, Yellow).

EUH212 - Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

Unknown acute toxicity (CLP: Classification, Labelling, Packaging.) - SDS

: 1.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
1.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
1.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

Unknown hazards to the aquatic environment (CLP)

: Contains 1.82 % of components with unknown hazards to the aquatic environment

2.3. Other hazards

PBT: not yet assessed

vPvB: not yet assessed

Component	
Cobalt Hydroxide (21041-93-0)	PBT: not relevant – no registration required vPvB: not relevant – no registration required
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

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Limestone	CAS-No.: 1317-65-3 EC-No.: 215-279-6	0 - 60	Not classified
Calcium carbonate	CAS-No.: 471-34-1 EC-No.: 207-439-9	30 - 60	Not classified
aluminium powder (pyrophoric) (Note T)	CAS-No.: 7429-90-5 EC-No.: 231-072-3 EC Index-No.: 013-001-00-6	0 - 30	Pyr. Sol. 1, H250 Water-react. 2, H261
Paraffin waxes	CAS-No.: 8002-74-2 EC-No.: 232-315-6	0 - 20	Not classified
Titanium dioxide	CAS-No.: 13463-67-7 EC-No.: 236-675-5	0 - 15	Carc. 2, H351
rosin	CAS-No.: 8050-09-7 EC-No.: 232-475-7 EC Index-No.: 650-015-00-7	1 - 10	Skin Sens. 1, H317
Carbon black	CAS-No.: 1333-86-4 EC-No.: 215-609-9	0 - 5	Not classified
zinc sulphide	CAS-No.: 1314-98-3 EC-No.: 215-251-3	0 - 2	Not classified
Silicon dioxide (amorphous)	CAS-No.: 112926-00-8 EC-No.: 231-545-4	0 - 2	Not classified
Silicon dioxide (cristobalite)	CAS-No.: 14808-60-7 EC-No.: 238-878-4	0 - 2	Not classified
Aluminum hydroxide	CAS-No.: 21645-51-2 EC-No.: 244-492-7	0 - 2	Not classified
Stoddard solvent (benzene < 0.1%) (Note P)	CAS-No.: 8052-41-3 EC-No.: 232-489-3 EC Index-No.: 649-345-00-4	0.1 - 1	Flam. Liq. 3, H226 STOT RE 1, H372 Asp. Tox. 1, H304
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%)	CAS-No.: 2786-76-7 EC-No.: 220-509-3	0 - <1	Skin Sens. 1, H317
Aluminum oxide	CAS-No.: 1344-28-1 EC-No.: 215-691-6	0 - 1	Not classified
Distillates (petroleum), hydrotreated light	CAS-No.: 64742-47-8	<0.1	Asp. Tox. 1, H304

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	EC-No.: 265-149-8 EC Index-No.: 649-422-00-2		
Cobalt Hydroxide	CAS-No.: 21041-93-0 EC-No.: 244-166-4	<0.1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Iron oxide red	CAS-No.: 1309-37-1 EC-No.: 215-168-2	<0.1	Aquatic Chronic 2, H411
butanone oxime	CAS-No.: 96-29-7 EC-No.: 202-496-6 EC Index-No.: 616-014-00-0	0 - <0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Carc. 1B, H350 STOT SE 1, H370 STOT SE 3, H336 STOT RE 2, H373
cobalt bis(2-ethylhexanoate)	CAS-No.: 136-52-7 EC-No.: 205-250-6	<0.01	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Repr. 2, H361 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Formaldehyde (Note B)(Note D)	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5	<0.01	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:dust,mist), H331 Skin Corr. 1B, H314 Skin Sens. 1, H317 Muta. 2, H341 Carc. 1B, H350
Hexachlorobenzene	CAS-No.: 118-74-1 EC-No.: 204-273-9 EC Index-No.: 602-065-00-6	<0.001	Carc. 1B, H350 STOT RE 1, H372 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2,6-di-tert-butyl-4-methylphenol	CAS-No.: 128-37-0 EC-No.: 204-881-4	<0.001	Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
ethylbenzene	CAS-No.: 100-41-4 EC-No.: 202-849-4 EC Index-No.: 601-023-00-4	<0.001	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304
Toluene	CAS-No.: 108-88-3	<0.001	Flam. Liq. 2, H225

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	EC-No.: 203-625-9 EC Index-No.: 601-021-00-3		Skin Irrit. 2, H315 Repr. 2, H361d STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
cumene (Note C)	CAS-No.: 98-82-8 EC-No.: 202-704-5 EC Index-No.: 601-024-00-X	<0.001	Flam. Liq. 3, H226 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

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 (naphthol <1%)	CAS-No.: 2786-76-7 EC-No.: 220-509-3	(10 ≤C ≤ 100) Skin Sens. 1, H317
cobalt bis(2-ethylhexanoate)	CAS-No.: 136-52-7 EC-No.: 205-250-6	(0.01 ≤C < 0.1) EUH208
Formaldehyde	CAS-No.: 50-00-0 EC-No.: 200-001-8 EC Index-No.: 605-001-00-5	(0.2 ≤C < 100) Skin Sens. 1, H317 (5 ≤C < 100) STOT SE 3, H335 (5 ≤C < 25) Eye Irrit. 2, H319 (5 ≤C < 25) Skin Irrit. 2, H315 (25 ≤C < 100) Skin Corr. 1B, H314

Note B : Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Note P: The harmonised classification as a carcinogen or mutagen applies unless it can be shown that the substance contains less than 0,1 % w/w benzene (Einecs No 200-753-7), in which case a classification in accordance with Title II of this Regulation shall be performed also for those hazard classes. Where the substance is not classified as a carcinogen or mutagen, at least the precautionary statements (P102-)P260-P262-P301 + P310-P331 shall apply.

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 you feel unwell, seek medical

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

	advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin thoroughly with mild soap and water. Take off contaminated clothing and wash it before reuse.
First-aid measures after eye contact	: In case of contact, immediately flush eyes with plenty of water.
First-aid measures after ingestion	: Get medical advice/attention if you feel unwell.

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

Symptoms/effects after skin contact	: May cause an allergic skin reaction.
-------------------------------------	--

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	: No particular fire or explosion hazard.
-------------	---

5.3. Advice for firefighters

Firefighting instructions	: Keep upwind.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Avoid creating or spreading dust. Avoid contact with skin, eyes and clothing.
------------------	---

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. Stop leak if safe to do so.

6.2. Environmental precautions

Do not discharge into drains or the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	: Avoid generating dust. Sweep or shovel into suitable containers.
Methods for cleaning up	: On land, sweep or shovel into suitable containers.

6.4. Reference to other sections

Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Avoid creating or spreading dust. Do not breathe dust. Avoid contact with skin, eyes and clothing.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Keep container closed when not in use.
Incompatible products	: Strong oxidizers.

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Prohibitions on mixed storage : Incompatible materials.
Storage area : Store in dry, cool, well-ventilated area.

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

Limestone (1317-65-3)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³ (total dust) 4 mg/m ³ (respirable dust)
Aluminum oxide (1344-28-1)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³ (inhalable aerosol) 4 mg/m ³ (respirable aerosol)
rosin (8050-09-7)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	0.05 mg/m ³
WEL STEL (mg/m ³)	0.15 mg/m ³
Remark	(Sen)
Cobalt Hydroxide (21041-93-0)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	0.1 mg/m ³
aluminium powder (pyrophoric) (7429-90-5)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust) 4 mg/m ³ (respirable dust)
Paraffin waxes (8002-74-2)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	2 mg/m ³
WEL STEL (mg/m ³)	6 mg/m ³
Remark	(fume)
Silicon dioxide (amorphous) (112926-00-8)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	6 mg/m ³ (inhalable aerosol) 2.4 mg/m ³ (respirable aerosol)

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Iron oxide red (1309-37-1)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³ (Rouge, inhalable fraction) 4 mg/m ³ (Rouge, respirable fraction) 5 mg/m ³ (fume, as Fe)
WEL STEL (mg/m ³)	10 mg/m ³ (fume, as Fe)
Calcium carbonate (471-34-1)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³ inhalable aerosol 4 mg/m ³ respirable aerosol
cobalt bis(2-ethylhexanoate) (136-52-7)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	0.1 mg/m ³
Titanium dioxide (13463-67-7)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³ inhalable aerosol 4 mg/m ³ respirable aerosol
Carbon black (1333-86-4)	
United Kingdom - Occupational Exposure Limits	
Local name	Carbon black
WEL TWA (mg/m ³)	3.5 mg/m ³
WEL STEL (mg/m ³)	7 mg/m ³
ethylbenzene (100-41-4)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	441 mg/m ³
WEL TWA (ppm)	100 ppm
WEL STEL (mg/m ³)	552 mg/m ³
WEL STEL (OEL STEL) [ppm]	125 ppm
Remark	(Sk)
Toluene (108-88-3)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	191 mg/m ³
WEL TWA (ppm)	50 ppm
WEL STEL (mg/m ³)	384 mg/m ³
WEL STEL (OEL STEL) [ppm]	100 ppm

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Toluene (108-88-3)	
Remark	(Sk)
Formaldehyde (50-00-0)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	2.5 mg/m ³
WEL TWA (ppm)	2 ppm
WEL STEL (mg/m ³)	2.5 mg/m ³
WEL STEL (OEL STEL) [ppm]	2 ppm
cumene (98-82-8)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	125 mg/m ³
WEL TWA (ppm)	25 ppm
WEL STEL (mg/m ³)	250 mg/m ³
WEL STEL (OEL STEL) [ppm]	50 ppm
Remark	(Sk)
2,6-di-tert-butyl-4-methylphenol (128-37-0)	
United Kingdom - Occupational Exposure Limits	
WEL TWA (mg/m ³)	10 mg/m ³

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

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air). 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:

None under normal use. In case of dust production: protective goggles

8.2.2.2. Skin protection

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Hand protection:

Wear suitable gloves resistant to chemical penetration. nitrile rubber gloves

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	: Solid
Colour	: Variable.
Appearance	: A solid crayon-like marker.
Odour	: Slight, vegetable oil.
Odour threshold	: Not available
Melting point	: 66 °C
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not applicable
Lower explosive limit (LEL)	: Not applicable
Upper explosive limit (UEL)	: Not applicable
Flash point	: 204 °C
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Solubility	: insoluble in water.
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 applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No data available

9.2.2. Other safety characteristics

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

VOC content : 0 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous Polymerization may occur.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

Aldehydes.

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

Limestone (1317-65-3)

LD50 Oral rat	6450 mg/kg
---------------	------------

Aluminum oxide (1344-28-1)

LD50 Oral rat	> 15900 mg/kg
---------------	---------------

LC50 Inhalation rat	7.6 mg/l/4h
---------------------	-------------

rosin (8050-09-7)

LD50 Oral rat	2800 mg/kg
---------------	------------

LD50 Dermal rat	> 2000 mg/kg
-----------------	--------------

Cobalt Hydroxide (21041-93-0)

LD50 Oral rat	1060 mg/kg bodyweight
---------------	-----------------------

LD50 Dermal rat	> 2000 mg/kg bodyweight
-----------------	-------------------------

aluminium powder (pyrophoric) (7429-90-5)

LD50 Oral rat	> 15900 mg/kg bodyweight
---------------	--------------------------

LC50 Inhalation rat (dust/mist)	> 10 mg/l/4h
---------------------------------	--------------

Paraffin waxes (8002-74-2)

LD50 Oral rat	> 5000 mg/kg
---------------	--------------

LD50 Dermal rat	> 2000 mg/kg
-----------------	--------------

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

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

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
Iron oxide red (1309-37-1)	
LD50 Oral rat	> 10000 mg/kg
LD50 Dermal rat	5500 mg/kg
LC50 Inhalation rat	5.05 mg/l/4h
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)	
LD50 Oral rat	> 15000 mg/kg
LC50 Inhalation rat	> 1580 mg/m ³ 4 h
butanone oxime (96-29-7)	
LD50 Oral rat	> 900 mg/kg
LD50 Dermal rabbit	> 1000 mg/kg
LC50 Inhalation rat	> 4.83 mg/l/4h
Distillates (petroleum), hydrotreated light (64742-47-8)	
LD50 Oral rat	> 5000 mg/kg
LD50 Dermal rabbit	> 2000 mg/kg
LC50 Inhalation rat (dust/mist)	> 5.28 mg/l/4h
Stoddard solvent (benzene < 0.1%) (8052-41-3)	
LD50 Oral rat	> 5000 mg/kg
LD50 Dermal rabbit	> 2000 mg/kg
LC50 Inhalation rat	> 10 mg/l/4h
Calcium carbonate (471-34-1)	
LD50 Oral rat	> 2000 mg/kg
LD50 Dermal rat	> 2000 mg/kg
LC50 Inhalation rat	> 3 mg/l/4h
cobalt bis(2-ethylhexanoate) (136-52-7)	
LD50 Oral rat	3129 (1750 – 5000) mg/l
LD50 Dermal rat	> 2000 mg/kg
Titanium dioxide (13463-67-7)	
LD50 Oral rat	> 5000 mg/kg
LC50 Inhalation rat	> 6.82 mg/l/4h

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Carbon black (1333-86-4)	
LD50 Oral rat	> 8000 mg/kg
LC50 Inhalation rat	> 4.6 mg/m ³ 4 h
ethylbenzene (100-41-4)	
LD50 Oral rat	3500 mg/kg
LD50 Dermal rabbit	17.8 ml/kg
LC50 Inhalation rat [ppm]	< 1500 ppm
Toluene (108-88-3)	
LD50 Oral rat	5580 mg/kg EU Method B.
LC50 Inhalation rat	> 20 mg/l/4h OECD Guideline 403
Formaldehyde (50-00-0)	
LC50 Inhalation rat [ppm]	31.7 ppm
cumene (98-82-8)	
LD50 Oral rat	4000 mg/kg
LD50 Dermal rabbit	10600 mg/kg
LC50 Inhalation rat	22.1 mg/l
LC50 Inhalation rat [ppm]	4510 ppm/4h
Hexachlorobenzene (118-74-1)	
LD50 Oral rat	3500 mg/kg
2,6-di-tert-butyl-4-methylphenol (128-37-0)	
LD50 Oral rat	890 mg/kg
LD50 Dermal rat	> 2000 mg/kg
zinc sulphide (1314-98-3)	
LD50 Oral rat	> 15000 mg/kg
LC50 Inhalation rat	> 5410 mg/m ³ read-across Zinc
Unknown acute toxicity (CLP: Classification, Labelling, Packaging.) - SDS	: 1.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 1.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal) 1.75% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified. (The chemicals used are not available in the physical form known to cause cancer.)
Silicon dioxide (amorphous) (112926-00-8)	
IARC group	3 - Not classifiable

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Iron oxide red (1309-37-1)	
IARC group	3 - Not classifiable
Titanium dioxide (13463-67-7)	
IARC group	2B - Possibly carcinogenic to humans
Carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans, Inhalation of dust
ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
Toluene (108-88-3)	
IARC group	3 - Not classifiable
Formaldehyde (50-00-0)	
IARC group	1 - Carcinogenic to humans
cumene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans
Hexachlorobenzene (118-74-1)	
IARC group	2B - Possibly carcinogenic to humans
2,6-di-tert-butyl-4-methylphenol (128-37-0)	
IARC group	3 - Not classifiable
Silicon dioxide (cristobalite) (14808-60-7)	
IARC group	1 - Carcinogenic to humans
butanone oxime (96-29-7)	
NOAEL (chronic, oral, animal/male, 2 years)	270 mg/kg bodyweight mg/m ³
NOAEL (chronic, oral, animal/female, 2 years)	1350 mg/kg bodyweight mg/m ³
Titanium dioxide (13463-67-7)	
NOAEL (chronic, oral, animal/male, 2 years)	5 mg/kg bodyweight rat
Additional information	Carcinogen, cat 1A or 1B. Inhalation of dust
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
butanone oxime (96-29-7)	
STOT-single exposure	Causes damage to organs (upper respiratory tract). May cause drowsiness or dizziness.
Toluene (108-88-3)	
STOT-single exposure	May cause drowsiness or dizziness.
cumene (98-82-8)	
STOT-single exposure	May cause respiratory irritation.

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

butanone oxime (96-29-7)

STOT-repeated exposure : May cause damage to organs (blood system) through prolonged or repeated exposure.

Stoddard solvent (benzene < 0.1%) (8052-41-3)

STOT-repeated exposure : Causes damage to organs (central nervous system) through prolonged or repeated exposure.

ethylbenzene (100-41-4)

STOT-repeated exposure : May cause damage to organs (hearing organs) through prolonged or repeated exposure.

Toluene (108-88-3)

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.

Hexachlorobenzene (118-74-1)

STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

2,6-di-tert-butyl-4-methylphenol (128-37-0)

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : None known

11.2.2. Other information

Other information : No data available

SECTION 12: Ecological information

12.1. Toxicity

Unknown hazards to the aquatic environment (CLP) : Contains 1.82 % of components with unknown hazards to the aquatic environment

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

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

Limestone (1317-65-3)

LC50 fish 1 : > 200 mg/l

Aluminum oxide (1344-28-1)

EC50 crustacea : 1470 mg/l

NOEC (acute) : 50 mg/l

rosin (8050-09-7)

LC50 fish 1 : < 10 mg/l 96 h

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

rosin (8050-09-7)	
EC50 crustacea	911 mg/l 48 h
Cobalt Hydroxide (21041-93-0)	
LC50 fish 1	≥ 275 mg/l
EC50 crustacea	2.6 mg/l
NOEC (acute)	99 mg/l
Paraffin waxes (8002-74-2)	
LC50 fish 1	> 1000 mg/l
Silicon dioxide (amorphous) (112926-00-8)	
LC50 fish 1	> 10000 mg/l
EC50 crustacea	> 1000 mg/l
Iron oxide red (1309-37-1)	
EC50 crustacea	> 100 mg/l
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)	
LC50 fish 1	> 500 mg/l 96 h
EC50 crustacea	> 110 mg/l 48 h
butanone oxime (96-29-7)	
LC50 fish 1	> 100 mg/l 96 h
EC50 crustacea	201 mg/l 48 h
Calcium carbonate (471-34-1)	
LC50 fish 1	> 100 % v/v, 96 h
EC50 crustacea	> 100 % v/v, 48 h
cobalt bis(2-ethylhexanoate) (136-52-7)	
LC50 fish 1	275 mg/l 96 h
EC50 crustacea	0.441 mg/l 48 h
LOEC (chronic)	0.43 mg/l 34 days read-across cobalt dichloride
NOEC (chronic)	0.21 mg/l 34 days read-across cobalt dichloride
ethylbenzene (100-41-4)	
LC50 fish 1	5.1 mg/l
EC50 other aquatic organisms 1	7.7 mg/l
NOEC (acute)	3.3 mg/l
Toluene (108-88-3)	
LC50 fish 1	5.5 mg/l

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Toluene (108-88-3)	
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
Formaldehyde (50-00-0)	
LC50 fish 1	31.8 (21.1 – 47.7) mg/l 96 h
EC50 crustacea	1.9 mg/l 48 h
cumene (98-82-8)	
LC50 fish 1	4.8 mg/l
EC50 other aquatic organisms 1	2.14 mg/l
NOEC (acute)	1.9 mg/l
2,6-di-tert-butyl-4-methylphenol (128-37-0)	
LC50 fish 1	0.199 mg/l 96 h
EC50 crustacea	0.48 mg/l 48 h
EC50 72h - Algae [1]	0.228 mg/l 96 h
NOEC (acute)	0.15 mg/l 48 h
zinc sulphide (1314-98-3)	
LC50 fish 1	> 0.25 mg/l 96 h
EC50 crustacea	> 29 µg/l 48 h

12.2. Persistence and degradability

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink	
Persistence and degradability	Not established.
Limestone (1317-65-3)	
Persistence and degradability	Not readily biodegradable.
rosin (8050-09-7)	
Biodegradation	71 % 28 d
Silicon dioxide (amorphous) (112926-00-8)	
Persistence and degradability	Product persists.
4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)	
Persistence and degradability	Not readily biodegradable.

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

Biodegradation	0 % 28 d
----------------	----------

butanone oxime (96-29-7)

Biodegradation	70 % 18 d
----------------	-----------

cobalt bis(2-ethylhexanoate) (136-52-7)

Persistence and degradability	Readily biodegradable.
-------------------------------	------------------------

Carbon black (1333-86-4)

Persistence and degradability	Not readily biodegradable.
-------------------------------	----------------------------

ethylbenzene (100-41-4)

Persistence and degradability	Not established.
-------------------------------	------------------

Toluene (108-88-3)

Persistence and degradability	Readily biodegradable.
-------------------------------	------------------------

Formaldehyde (50-00-0)

Persistence and degradability	Readily biodegradable.
-------------------------------	------------------------

cumene (98-82-8)

Persistence and degradability	May cause long-term adverse effects in the environment.
-------------------------------	---

2,6-di-tert-butyl-4-methylphenol (128-37-0)

Persistence and degradability	Product persists.
-------------------------------	-------------------

12.3. Bioaccumulative potential

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Bioaccumulative potential	Not established.
---------------------------	------------------

Limestone (1317-65-3)

Bioaccumulative potential	Does not biaccumulate significantly.
---------------------------	--------------------------------------

rosin (8050-09-7)

Log Pow	3 (3 – 6.2)
---------	-------------

4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl)-3-hydroxynaphthalene-2-carboxamide, C.I. Pigment Red 170 (naphthol <1%) (2786-76-7)

BCF fish 1	53 l/kg
------------	---------

Log Pow	1.28
---------	------

butanone oxime (96-29-7)

Log Pow	0.63
---------	------

Distillates (petroleum), hydrotreated light (64742-47-8)

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Distillates (petroleum), hydrotreated light (64742-47-8)	
Log Kow	2.1 – 5
Bioaccumulative potential	Bioaccumulative potential.
Stoddard solvent (benzene < 0.1%) (8052-41-3)	
Log Pow	3.16 – 7.15
cobalt bis(2-ethylhexanoate) (136-52-7)	
BCF fish 1	2300 (2300 – 3900)
ethylbenzene (100-41-4)	
Bioaccumulative potential	Not established.
Toluene (108-88-3)	
Bioconcentration factor (BCF REACH)	90
Log Kow	2.73
Formaldehyde (50-00-0)	
BCF fish 1	< 1
Log Pow	0.35
cumene (98-82-8)	
Bioaccumulative potential	Not established.
Hexachlorobenzene (118-74-1)	
Log Pow	5 – 6.92
2,6-di-tert-butyl-4-methylphenol (128-37-0)	
Bioconcentration factor (BCF REACH)	2500
Log Pow	4.17
Bioaccumulative potential	Expected to bioaccumulate.

12.4. Mobility in soil

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink	
Ecology - soil	No data available.
2,6-di-tert-butyl-4-methylphenol (128-37-0)	
Mobility in soil	low
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	4.36

12.5. Results of PBT and vPvB assessment

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink	
---	--

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

PBT: not yet assessed

vPvB: not yet assessed

Component

Cobalt Hydroxide (21041-93-0)	PBT: not relevant – no registration required vPvB: not relevant – no registration required
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

Adverse effects on the environment caused by endocrine disrupting properties : None known

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.
HP Code : HP13 - "Sensitising:" waste which contains one or more substances known to cause sensitising effects to the skin or the respiratory organs.

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR) : Not regulated.
UN-No. (IMDG) : Not regulated.
UN-No. (IATA) : Not regulated.
UN-No. (ADN) : Not regulated.
UN-No. (RID) : Not regulated.

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated.
Proper Shipping Name (IMDG) : Not regulated.
Proper Shipping Name (IATA) : Not regulated.
Proper Shipping Name (ADN) : Not regulated.
Proper Shipping Name (RID) : Not regulated.

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated.

IMDG

Transport hazard class(es) (IMDG) : Not regulated.

IATA

Transport hazard class(es) (IATA) : Not regulated.

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

ADN

Transport hazard class(es) (ADN) : Not regulated.

RID

Transport hazard class(es) (RID) : Not regulated.

14.4. Packing group

Packing group (ADR) : Not regulated.

Packing group (IMDG) : Not regulated.

Packing group (IATA) : Not regulated.

Packing group (ADN) : Not regulated.

Packing group (RID) : Not regulated.

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

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

Inland waterway transport

Not regulated.

Rail transport

Not regulated.

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.	Formaldehyde ; 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)	Stoddard solvent (benzene < 0.1%) ; ethylbenzene ; Toluene ; cumene	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)	Stoddard solvent (benzene < 0.1%) ; butanone oxime ; Distillates (petroleum),	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

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
	hydrotreated light ; ethylbenzene ; Toluene ; cumene ; Formaldehyde	
3(c)	Toluene ; cumene	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
40.	Stoddard solvent (benzene < 0.1%) ; aluminium powder (pyrophoric) ; ethylbenzene ; Toluene ; cumene	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
72.	Formaldehyde	The substances listed in column 1 of the Table in Appendix 12

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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 : 0 %

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:

Added. Product.

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

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

Safety Data Sheet

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

Abbreviations and acronyms:	
	TSCA: Toxic Substances Control Act

Other information : None.

Full text of H- and EUH-statements:	
	(Jumbo White, Hex White, Hex Yellow, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Blue, Green, Gray, Orange, Pink, Purple, White, Yellow).
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
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 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
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
EUH208	Contains {0 message≤name of sensitising substance> fieldvalue=_SENSITIZER_COMPONENTS}. May produce an allergic reaction.
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.
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
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H250	Catches fire spontaneously if exposed to air.
H261	In contact with water releases flammable gases.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

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:	
H311	Toxic in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
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.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Muta. 2	Germ cell mutagenicity, Category 2
Pyr. Sol. 1	Pyrophoric Solids, Category 1
Repr. 2	Reproductive toxicity, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2

Paintstik® Original B Jumbo White, Hex White, Fine White, Hex Yellow, 16 Black, 16 Blue, 16 Orange, 16 White, 16 Yellow, Fine Yellow, Aluminum, Black, Blue, Green, Gray, Orange, Pink, Purple, Red, Silver, White, Yellow, Fluorescent Yellow, Fluorescent Red, Fluorescent Green, Fluorescent Blue, Fluorescent Orange, Fluorescent Pink

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:	
STOT SE 1	Specific target organ toxicity — single exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
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]:		
Skin Sens. 1	H317	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.