Jawel Paints (West Midlands) Ltd

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

Printing date 07.03.2019

Revision: 05.11.2018

For professional use only - 1.1 Product identifier For professional use only - Trade name; Force & Cellulose — - Article number: 1 - 1.2 Relevant identified uses of the substance or mixture and uses advised against Surface Coating - Application of the substance / the mixture Surface Coating - 1.3 Details of the supplier of the safety data sheet - Supplier:Jawel Paints (West Midlands) Lid ⁵ 55/539 ⁻⁷ gcy ⁺ Uk ⁺ Ub gi y kem ⁺ Y gu ⁰ Olf repf u ⁺ D88 ⁺ 45 [⁺ WM EMAIL: sales@jawel.co.uk - Further information obtainable from: sales@jawel.co.uk - I tensequency telephone number: +44 (0)121 558 6191 (Business hours) - Ueskiftedion of the substance or mixture - Classification according to Regulation (EC) No 1272/2008 Flam. Liq. 2 H225 Highly flammable liquid and vapour. Skin Irrit. 2 H315 Causes skin viriation. Eye Irrit. 2 H316 Suspected of damaging the unborn child. STOT RE 2 H373 May cause damage to the hearing organs through prolonged or repeated exposure. - 2.1 Label elements - Labelling according to Regulation (EC) No-1272/2008- - The product is classified and labelled according to the CLP regulation. Harard pictograms - Signal word Danger - Harard biotegrams - Signal word Danger - Harard statements H225 Highly flammable liquid and vapour. H315 Causes serions eye irritation. H315 Causes serions eye irritation.	SECTION 1: Identification of the substance/m	ixture and of the company/undertaking
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H373 May cause	damage to the hearing organs through prolonged or repeated exposure.
· Precautionary stat	ements
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P303+P361+P353	" IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	<i>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</i>
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
· 2.3 Other hazards	

· Results of PBT and vPvB assessment

• *PBT:* Not applicable.

· vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

CAS: 108-88-3	Toluene	10-25%
EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-xxxx	 Flam. Liq. 2, H225; Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336; Aquatic Chronic 3, H412 	
CAS: 90989-38-1 EINECS: 292-694-9 Reg.nr.: 01-2119486136-34	Xylene (mixed isomers) Flam. Liq. 3, H226; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10-25%
CAS: 9004-70-0 EC number: 682-719-5	Nitrocellulose (12.3% N) Expl. 1.1, H201	10-25%
CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 01-2119457435-35-XXXX	1-methoxy-2-propanol Flam. Liq. 3, H226; STOT SE 3, H336	2.5-10%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	Butyl ethanoate	2.5-10%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-XXXX	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	Ethyl Acetate Flam. Liq. 2, H225; () Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43	methyl ethyl ketone Flam. Liq. 2, H225;	2.5-10%
CAS: 68002-21-1	Melamine formaldehyde polymer isobutylated Aquatic Chronic 4, H413	≤ 2.5%
CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23-XXXX	isobutanol 🚸 Flam. Lig. 3, H226; 🚸 Eye Dam. 1, H318; 🕦 Skin Irrit.	≤ 2.5%

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SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:
- In case of unconsciousness place patient stably in side position for transportation.
- Supply fresh air; consult doctor in case of complaints.
- After skin contact:

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

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. • *After swallowing:*

Do not induce vomiting; call for medical help immediately and show safety datasheet or label.

• 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture
- During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters
- · Protective equipment: Mount respiratory protective device.

SECTION 6: Accidental release measures

 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
 Wear protective equipment. Keep unprotected persons away.
 6.2 Environmental precautions: Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/ surface or ground water.

- 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
- 6.4 Reference to other sections
 See Section 7 for information on safe handling.
 See Section 8 for information on personal protection equipment.
 See Section 13 for disposal information.

SECTION 7: Handling and storage

• 7.1 Precautions for safe handling Keep receptacles tightly sealed. Ensure good ventilation/extraction at the workplace. Open and handle receptacle with care. Prevent formation of aerosols.

• *Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.*

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Keep respiratory protective device available.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:
- Store in a cool location.

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

· Information about storage in one common storage facility: Not required.

• Further information about storage conditions: Keep receptacle tightly sealed and in a well-ventilated place. Keep away from heat.

Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection

• Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

· Ingredien	ts with limit values that require monitoring at the workplace:
108-88-3	Toluene
WEL Sho	rt-term value: 384 mg/m³, 100 ppm
Lon	g-term value: 191 mg/m³, 50 ppm
Sk	
	1-methoxy-2-propanol
	rt-term value: 560 mg/m³, 150 ppm
	g-term value: 375 mg/m³, 100 ppm
Sk	
123-86-4	Butyl ethanoate
	rt-term value: 966 mg/m³, 200 ppm
Lon	g-term value: 724 mg/m³, 150 ppm
67-63-0 pi	ropan-2-ol
	rt-term value: 1250 mg/m³, 500 ppm
Lon	g-term value: 999 mg/m³, 400 ppm
141-78-6	Ethyl Acetate
WEL Sho	rt-term value: 400 ppm
Lon	g-term value: 200 ppm
	aethyl ethyl ketone
	rt-term value: 899 mg/m³, 300 ppm
	g-term value: 600 mg/m³, 200 ppm
· · · · · · · · · · · · · · · · · · ·	BMGV
78-83-1 is	sobutanol
	rt-term value: 231 mg/m³, 75 ppm
Lon	g-term value: 154 mg/m³, 50 ppm
· DNELs	
108-88-3	Toluene
Oral	DNEL 8.13 mg/day (Con)
Dermal	DNEL 226 mg/day (Con)
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Inhalative PNEL 35.5 mg/m² (Con) 1330-27 Xjere Init Jermal DNEL 180 mg/day (Ind) Inhalative DNEL 180 mg/day (Con) 107:99:21 methors/>- propanol Tmg/n³ (Ind) Inhalative DNEL 18.1 mg/day (Con) Dermal DNEL 43.9 mg/n² (Con) So 6 mg/day (Ind) So 6 mg/day (Ind) Inhalative DNEL 37 mg/day (Con) Gamg/day (Ind) So 6 mg/day (Ind) Inhalative DNEL 38 mg/day (Ind) Inhalative DNEL 2 mg/day (Con) Dermal DNEL 2 mg/day (Con) Deremal DNEL 39 mg/				(Contd. of pa
1330-20-7192 mg/m3 (Ind)1330-20-7180 mg/day (Con)180 mg/day (Ind)180 mg/day (Ind)180 mg/day (Ind)180 mg/day (Ind)180 mg/day (Con)77 mg/m3 (Ind)107-98-21mett-xx-2-propotol107 mg/m3 (Ind)108 mg/day (Con)108 mg/day (Con)108 mg/day (Con)109 mg/m3 (Con)109 mg/m3 (Con)109 mg/m3 (Con)117 86-6 Ethyl Ac-tate117 86-6 Ethyl Ac-tate117 86-7 Ethyl Ac-tate117 86-7 Ethyl Ac-tate117 86-7 Ethyl Ac-tate117 86-7 Ethyl Ac-tate118 mg/day (Con)119 mg/day (Con)123 mg/m3 (Ind)119 mg/day (Con)124 mg/m3 (Ind)110 mg/m3 (Ind)111 mg/day (Con)110 mg/m3 (Ind)111 mg/day (Con)111 mg/day (Con)<			384 mg/day (Ind)	
1330-20-7 Xylene (mix) Dermal DNEL 108 mg/day (Con) 180 mg/day (Ind) 180 mg/day (Con) 177 mg/m² (Ind) 107-98-21-methoxy-2-propanol Oral DNEL 1.3.3 mg/day (Con) Dermal DNEL 1.8.1 mg/day (Con) Dermal DNEL 1.8.1 mg/day (Con) 07-98-21-methoxy-2-propanol 306 mg/day (Ind) Inhalative DNEL 1.8.1 mg/day (Con) 369 mg/m² (Ind) 369 mg/m² (Ind) Inhalative DNEL 3.7 mg/day (Con) 369 mg/m² (Ind) 361 mg/day (Ind) Inhalative DNEL 3 mg/day (Con) 734 mg/m² (Ind) 111.78-6 Ethyl Acetate Dermal DNEL 3 mg/day (Con) 07al DNEL 2 mg/day (Con) 07al DNEL 3 mg/day (Con) 07al DNEL 3 mg/day (Con) 050 mg/m² (Ind) 500 mg/m²	Inhalative	DNEL		
Dermal Iv8 mg/day (Con) Iv8 mg/day (Ind) Inhalative DNEL 14.8 mg/m² (Con) 77 mg/m² (Ind) I07:982 I-methocy-2-propanol Oral DNEL Dermal DNEL Dermal DNEL Dermal DNEL J07:02 Si mg/day (Con) 369 mg/m² (Con) 369 mg/m² (Con) 369 mg/m² (Ind) Inhalative DNEL J17:78-6 Ethyl Accetate Dermal DNEL J07 36 mg/day (Ind) Inhalative DNEL J08E 3 mg/m² (Con) 734 mg/m² (Ind) 123:86-4 Butyl etharoate Oral DNEL Oral DNEL J08E 6 mg/day (Con) J09 mg/m² (Ind) Inhalative DNEL J11 <mg (ind)<="" day="" td=""> Inhalative DNEL J19<mg (con)<="" day="" td=""> S00 mg/m² (Ind) Bolae S00 mg/m² (Ind) Inhalative DNEL J08</mg></mg>			-	
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	Dermal	DNEL		
Image:				
107-98-2 1-methoxy-2-propanol Oral DNEL 3.3 mg/day (Con) Dermal S0.6 mg/day (Ind) Inhalative DNEL 43.9 mg/m³ (Con) 369 mg/m³ (Ind) 34 G9 mg/m³ (Con) 141-78-6 Ethyl Acetate 63 mg/day (Con) Dermal DNEL 37 mg/day (Con) 63 mg/day (Ind) 164 mg/day Inhalative DNEL 37 mg/day (Con) 734 mg/m³ (Con) 734 mg/m³ (Con) 734 mg/m³ (Con) 734 mg/m³ (Con) 734 mg/m³ (Ind) 734 mg/m³ (Ind) 123-86-4 Butyl ethenoate 0 Oral DNEL 2 mg/day (Con) Dermal DNEL 2 5.7 mg/m³ (Con) 300 mg/m³ (Ind) 300 mg/m³ (Ind) 67-63-0 propan-2-ol 0 Oral DNEL 319 mg/day (Con) Bermal DNEL 412 mg/day (Con) 88 mg/day (Ind) 11 Inhalative DNEL 412 mg/day (Con) 500 mg/m³ (Ind) 500 mg/m³ (Ind) 78-93-3 methyl ethyl Extone 0 Oral DNEL 31 mg/day (Con) 1.161 mg/day (Con) 500 mg/m³ (Ind) <td>Inhalative</td> <td>DNEL</td> <td>14.8 mg/m³ (Con)</td> <td></td>	Inhalative	DNEL	14.8 mg/m ³ (Con)	
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	Dermal	DNEL	18.1 mg/day (Con)	
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Trade name: 'Hqt eg'! Cellulose

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- Soil; 2.31 mg/kg	
CAS No. 123-86-4 Butyl Acetate	
Freshwater: 0.18 mg/l	
Marine water: 0.018 mg/l	
Fresh water sediment: 0.981 mg/kg	
Marine sediment: 0.0981 mg/kg	
Soil: 0.0903 mg/kg	
STP (sewage-treatment plant): 35.6 mg/l	
Intermittent use/release: 0.36 mg/l	
· Ingredients with biological limit values:	
78-93-3 methyl ethyl ketone	
BMGV 70 µmol/L	
Medium: urine	
Sampling time: post shift	
Parameter: butan-2-one	
• Additional information: The lists valid during the making were used as basis.	
· 8.2 Exposure controls	
· Personal protective equipment:	
· General protective equipment.	
Keep away from foodstuffs, beverages and feed.	
Immediately remove all soiled and contaminated clothing	
Wash hands before breaks and at the end of work.	
Store protective clothing separately.	
Avoid contact with the eyes and skin.	
• Respiratory protection: When spraying the product, use a respiratory protective device.	
• Protection of hands:	
When skin exposure may occur, advice should be sought from the glove supplier on approp	nriate types and
usage times for this product.	strate types and
Protective gloves	
· Material of gloves	

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

- · 9.1 Information on basic physical and chemical properties
- · General Information
- Appearance: Form: Colour:

· Odour:

Liquid Clear Characteristic

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	(Contd. of page
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition Melting point/freezing point: Initial boiling point and boiling range	Undetermined. e: 82 °C
Flash point:	4 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	287 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive air vapour mixtures are possible.
Explosion limits: Lower: Upper:	1.0 Vol % 7.1 Vol %
· Vapour pressure at 20 °C:	29 hPa
• Density at 20 °C: • Relative density • Vapour density • Evaporation rate	0.955 g/cm ³ Not determined. Not determined. Not determined.
Solubility in / Miscibility with water:	NOT MISCIBLE
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity: Dynamic at 20 °C: Kinematic:	300 mPas Not determined.
· Solvent content: Organic solvents:	68.0 %
Solids content: • 9.2 Other information	36.3 % No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

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

No dangerous decomposition products when stored and handled correctly

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

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LD/LC50	values rel	evant for classification:
108-88-3	Toluene	
Oral	LD50	5,580 mg/kg (Rat)
Dermal	LD50	5,000 mg/kg (Rab)
Inhalative	LC50/4 h	20 mg/l (Rat)
1330-20-7	Xylene (n	nix)
Oral	LD50	5,000 mg/kg (Rat)
Dermal	LD50	2,000 mg/kg (rbt)
Inhalative	LC50/4 h	a 4,300 mg/l (Rat)
9004-70-0	Nitrocellı	ulose (12.3% N)
Oral	LD50	>5,000 mg/kg (Rat)
107-98-2	l-methoxy	-2-propanol
Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (Rat)
Inhalative	LC50/4 h	25.8 mg/l (rat)
141-78-61	Ethyl Acet	ate
Oral	LD50	4,934 mg/kg (Rab)
Dermal	LD50	20,000 mg/kg (Rab)
Inhalative	LC50/4 h	n 1,600 mg/l (Rat)
123-86-41	Butyl etha	noate
Oral	LD50	10,760 mg/kg (rat)
Dermal	LD50	14,112 mg/kg (Rab)
Inhalative	LC50/4 h	23.4 mg/l (Rat)
67-63-0 рг	ropan-2-ol	i di
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rab)
Inhalative	LC50/4 h	n >25 mg/l (Rat)
78-93-3 m	ethyl ethy	l ketone
Oral	LD50	3,460 mg/kg (Rat)
Dermal	LD50	5,000 mg/kg (Rab)
78-83-1 is		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rab)
Primary in		
<mark>Skin corro</mark> Causes ski		
Causes ski Serious ey		
Causes sei		
		sensitisation Based on available data, the classification criteria are not met.
		nogenity, mutagenicity and toxicity for reproduction) city Based on available data, the classification criteria are not met.
	-	ed on available data, the classification criteria are not met.
Reproduci	-	•
Suspected	of damagi	ing the unborn child.
		<i>ure</i> Based on available data, the classification criteria are not met.
STOT-rep Mav cause		osure to the hearing organs through prolonged or repeated exposure.
		ased on available data, the classification criteria are not met.

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SECTION 12: Ecological information

· 12.1 Toxicity

 Aquatic toxicity: Acute Fish toxicity n-Butyl acetate LC50 18 mg/l
 Species: Pimephales promelas (fathead minnow) Exposure duration: 96 h

Chronic Fish toxicity n-Butyl acetate No data available.

Acute toxicity for daphnia n-Butyl acetate EC50 44 mg/l Species: Daphnia (water flea) Exposure duration: 48 h

Chronic toxicity to daphnia n-Butyl acetate NOEC 23 mg/l Species: Daphnia magna (Water flea) Exposure duration: 21 d Method: OECD Test Guideline 211

Acute toxicity for algae n-Butyl acetate EC50 675 mg/l Species: Scenedesmus quadricauda (Green algae) Exposure duration: 72 h

Acute bacterial toxicity EC50 356 mg/l Species: activated sludge Exposure duration: 40 h

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:

· General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · 12.5 Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · **vPvB:** Not applicable.

· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

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

SECTION 14: Transport information	
14.1 UN-Number ADR, IMDG, IATA	UN1263
14.2 UN proper shipping name ADR IMDG, IATA	1263 PAINT (vapour pressure at 50°C not more than 1 kPa) PAINT
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
Class Label	3 Flammable liquids. 3
14.4 Packing group ADR, IMDG, IATA	Ш
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user Danger code (Kemler): EMS Number: Stowage Category	Warning: Flammable liquids. 33 F-E,S-C B
14.7 Transport in bulk according to Anna Marpol and the IBC Code	ex II of Not applicable.
Transport/Additional information:	
ADR Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category Tunnel restriction code	2 D/E
IMDG Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1263 PAINT (VAPOUR PRESSURE AT 50°C NC MORE THAN 110 KPA), 3, II

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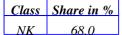
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SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- \cdot Qualifying quantity (tonnes) for the application of lower-tier requirements 5.000 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 50.000 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 48

· National regulations:

Technical instructions (air):



Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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

- H201 Explosive; mass explosion hazard.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- 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.

H361d Suspected of damaging the unborn child.

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

H412 Harmful to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

· Department issuing SDS: Product safety department: LABORATORY

· Contact: Health & Safety Officer

• Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

Expl. 1.1: Explosives – Division 1.1

Flam. Liq. 2: Flammable liquids – Category 2

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Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity – Category 4 Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation – Category 1 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 Repr. 2: Reproductive toxicity – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4