

## SAFETY DATA SHEET

## C.A.R.FIT Hardener for Rapid Air Clearcoat VOC

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

## 1.1. Product identifier

## Trade name

C.A.R.FIT Hardener for Rapid Air Clearcoat VOC

## Other names / Synonyms

C.A.R.FIT Hardener for Rapid Air Clearcoat VOC

## Product no.

7-336/-337-1000/-2500

## Unique formula identifier (UFI)

DP6K-2CQV-V002-HE8T

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

## Relevant identified uses of the substance or mixture

None known.

Restricted to professional users.

## Uses advised against

None known.

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

## Company and address

**August Handel GmbH**

Ahornstraße 12

14959 Trebbin

Germany

+49 (0)33731 70 79 60

www.augusthandel.com

## E-mail

info@augusthandel.com

## Revision

11/08/2025

## SDS Version

1.0

## 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

## 2.1. Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.

Skin Sens. 1; H317, May cause an allergic skin reaction.

Acute Tox. 4; H332, Harmful if inhaled.

STOT SE 3; H335, May cause respiratory irritation.

STOT SE 3; H336, May cause drowsiness or dizziness.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## 2.2. Label elements

### Hazard pictogram(s)



### Signal word

Warning

### Hazard statement(s)

Flammable liquid and vapour. (H226)  
May cause an allergic skin reaction. (H317)  
Harmful if inhaled. (H332)  
May cause respiratory irritation. (H335)  
May cause drowsiness or dizziness. (H336)

### Precautionary statement(s)

#### General

Not applicable.

#### Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Contaminated work clothing should not be allowed out of the workplace. (P272)

#### Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
(P303+P361+P353)  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340)

#### Storage

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

#### Disposal

Dispose of contents/container in accordance with national regulation.  
(P501)

### Hazardous substances

n-butyl acetate

### Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.  
As from 24 August 2023 adequate training is required before industrial or professional use.

UFI: DP6K-2CQV-V002-HE8T

### VOC

VOC content: 498 g/L  
MAXIMUM VOC CONTENT (Phase II, category B/d: 420 g/L)

## 2.3. Other hazards

### Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
n-butyl acetate	CAS No.: 123-86-4 EC No.: 204-658-1 UK-REACH: Index No.: 607-025-00-1	37,5 - 45%	EUH066 Flam. Liq. 3, H226 STOT SE 3, H336	[1]
Hexamethylene diisocyanate, oligomers	CAS No.: 28182-81-2 EC No.: 500-060-2	35 - 40%	Skin Sens. 1, H317	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

	UK-REACH: Index No.:			
2-methoxy-1-methylethyl acetate	CAS No.: 108-65-6 EC No.: 203-603-9 UK-REACH: Index No.: 607-195-00-7	20 - 25%	Flam. Liq. 3, H226	[1]
2-methoxypropyl acetate	CAS No.: 70657-70-4 EC No.: 274-724-2 UK-REACH: Index No.: 607-251-00-0	0,01 - 0,1%	Flam. Liq. 3, H226 STOT SE 3, H335 Repr. 1B, H360D	
hexamethylene-di-isocyanate	CAS No.: 822-06-0 EC No.: 212-485-8 UK-REACH: Index No.: 615-011-00-1	0,01 - 0,1%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Irrit. 2, H319 Acute Tox. 3, H331 Resp. Sens. 1, H334 STOT SE 3, H335	[3]

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

#### Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

#### Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

Call a POISON CENTER/doctor if you feel unwell.

If skin irritation or rash occurs: Get medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Flammable liquid and vapour.

In use may form flammable/explosive vapour-air mixture.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO<sub>x</sub>)

Carbon oxides (CO / CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact

The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

### SECTION 6: Accidental release measures

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

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Avoid contact during pregnancy and while nursing.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

### Recommended storage material

Always store in containers of the same material as the original container.

### Storage conditions

Room temperature 15 to 25°C

### Incompatible materials

Strong oxidizing agents

## 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

n-butyl acetate

Long term exposure limit (8 hours) (ppm): 150

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 724

Short term exposure limit (15 minutes) (ppm): 200

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 966

2-methoxy-1-methylethyl acetate

Long term exposure limit (8 hours) (ppm): 50

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 274

Short term exposure limit (15 minutes) (ppm): 100

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 548

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.

EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### DNEL

2-methoxy-1-methylethyl acetate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	320 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	796 mg/kg bw/day
Long term – Local effects - General population	Inhalation	33 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	33 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	275 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	550 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	36 mg/kg bw/day
Short term – Systemic effects - General population	Oral	500 mg/kg bw/day

hexamethylene-di-isocyanate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Inhalation	35 µg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	70 µg/m <sup>3</sup>

n-butyl acetate

Duration:	Route of exposure:	DNEL:
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Long term	-	
Short term	-	
Long term – Systemic effects - General population	Dermal	3.4 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7 mg/kg bw/day
Short term – Systemic effects - General population	Dermal	6 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	11 mg/kg bw/day
Long term – Local effects - General population	Inhalation	35.7 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	300 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	12 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	48 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	300 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	600 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	300 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	600 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	2 mg/kg bw/day
Short term – Systemic effects - General population	Oral	2 mg/kg bw/day

#### PNEC

##### 2-methoxy-1-methylethyl acetate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		635 µg/L
Freshwater sediment		3.29 mg/kg
Intermittent release (freshwater)		6.35 mg/L
Marine water		63.5 µg/L
Marine water sediment		329 µg/kg
Sewage treatment plant		100 mg/L
Soil		290 µg/kg

##### hexamethylene-di-isocyanate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		49 µg/L
Freshwater sediment		674 µg/kg
Marine water		4.9 µg/L
Marine water sediment		67.4 µg/kg
Sewage treatment plant		8.42 mg/L
Soil		523 µg/kg

##### n-butyl acetate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		180 µg/L
Freshwater sediment		981 µg/kg
Intermittent release (freshwater)		360 µg/L
Marine water		18 µg/L
Marine water sediment		98.1 µg/kg
Sewage treatment plant		35.6 mg/L
Soil		90.3 µg/kg

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment



### Generally

Use only UKCA marked protective equipment.


### Respiratory Equipment

Type	Class	Colour	Standards	
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.				
Combination filter A2P2	Class 2	Brown/White	EN14387	

### Skin protection

Recommended	Type/Category	Standards	
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	-	-	
Safety shoes	II	EN ISO 20345 / EN ISO 20347	

### Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	

### Eye protection

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Type	Standards
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Safety glasses with side shields.	EN166
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## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless

#### Odour / Odour threshold

No data available

#### pH

Not applicable - water solubility < 1 mg/L @ 20°C

#### Density (g/cm<sup>3</sup>)

0,99-1,01 (20 °C)

#### Kinematic viscosity

No data available

#### Particle characteristics

No data available

### Phase changes

#### Melting point/Freezing point (°C)

No data available

#### Softening point/range (°C)

Does not apply to liquids.

#### Boiling point (°C)

No data available

#### Vapour pressure

No data available

#### Relative vapour density

No data available

#### Decomposition temperature (°C)

No data available

### Data on fire and explosion hazards

#### Flash point (°C)

28

#### Flammability (°C)

The material is ignitable.

#### Auto-ignition temperature (°C)

No data available

#### Lower and upper explosion limit (% v/v)

No data available

### Solubility

#### Solubility in water

No data available

#### n-octanol/water coefficient (LogKow)

No data available

#### Solubility in fat (g/L)

No data available

### 9.2. Other information

#### VOC (g/L)

498

#### Other physical and chemical parameters



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

No data available.

#### Oxidizing properties

No data available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

#### 10.5. Incompatible materials

Strong oxidizing agents

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

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

##### Acute toxicity

Product/substance	n-butyl acetate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	10768 mg/kg ·

Product/substance	n-butyl acetate
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	6 mg/kg ·

Product/substance	n-butyl acetate
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	21,0 mg/l 4h ·

Product/substance	n-butyl acetate
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	10760 mg/kg ·

Product/substance	n-butyl acetate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	10770 mg/kg ·

Product/substance	n-butyl acetate
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>17600 mg/kg ·

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	n-butyl acetate
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>21,0 mg/m <sup>3</sup> ·

Harmful if inhaled.

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### Respiratory sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Skin sensitisation

May cause an allergic skin reaction.

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

#### Reproductive toxicity

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

#### STOT-single exposure

May cause respiratory irritation.

May cause drowsiness or dizziness.

#### STOT-repeated exposure

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

#### Aspiration hazard

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

### 11.2. Information on other hazards

#### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs.

Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Neurotoxic effects: This product contains organic solvents, which may cause adverse effects to the nervous system.

Symptoms of neurotoxicity include: loss of appetite, headache, dizziness, ringing in ears, tingling sensations of skin, sensitivity to the cold, cramps, difficulty in concentrating, tiredness, etc. Repeated exposure to solvents can result in the breaking down of the skin's natural fat layer and may result in an increased absorption potential of other hazardous substances at the area of exposure.

#### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

Product/substance	n-butyl acetate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	18 mg/L ·

Product/substance	n-butyl acetate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	100 mg/L ·

Product/substance	n-butyl acetate
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	185 mg/L ·

Product/substance	n-butyl acetate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	62 mg/L ·

Product/substance	n-butyl acetate
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	32 mg/L ·

Product/substance	n-butyl acetate
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	44 mg/L ·

Product/substance	n-butyl acetate
Species:	Algae
Duration:	96 hours
Test:	EC50
Result:	320 mg/L ·

Product/substance	n-butyl acetate
Species:	Daphnia
Duration:	24 hours
Test:	LC50
Result:	205 mg/L ·

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

#### 12.2. Persistence and degradability

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

#### 12.3. Bioaccumulative potential

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

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

#### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 3 - Flammable

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 13 - Sensitising

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

#### EWC code




Not applicable.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN1263	PAINT RELATED MATERIAL	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	Limited quantities: 5 L Tunnel restriction code: (D/E) See below for additional information .
IMDG	UN1263	PAINT RELATED MATERIAL	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	Limited quantities: 5 L EmS: F-E S-E See below for additional information .
IATA	UN1263	PAINT RELATED MATERIAL	Transport hazard class: 3 Label: 3 Classification code: F1 	III	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

## SECTION 15: Regulatory information

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

## Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

## Demands for specific education

No specific requirements.

## SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

## REACH, Annex XVII

hexamethylene-di-isocyanate is subject to restrictions, UK-REACH annex XVII (entry 74).

n-butyl acetate is subject to UK-REACH restrictions (entry 40).

2-methoxy-1-methylethyl acetate is subject to UK-REACH restrictions (entry 40).

2-methoxypropyl acetate is subject to UK-REACH restrictions (entry 40).

## Additional information

Not applicable.

## Sources

The Management of Health and Safety at Work Regulations 1999.

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Control of Major Accident Hazards (COMAH) Regulations 2015.

2012 No. 1715 ENVIRONMENTAL PROTECTION: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

## SECTION 16: Other information

## Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H319, Causes serious eye irritation.

H331, Toxic 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.

H360D, May damage the unborn child.

## Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

#### Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the mixture in regard to physical hazards has been based on experimental data.

#### The safety data sheet is validated by

S. Grade

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

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