

The following technical datasheet is provided by Junckers.

For further information please either give us a call or visit the manufacturer's website.

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All information is correct at the time of download from the manufacturer.



WB PRIMER PRODUCT INFORMATION



GENERAL DESCRIPTION

Fast drying, water-based primer for use on untreated or machine sanded wooden floors in commercial, residential or sports areas.

By use of a primer the risk of side-bonding between the individual floor boards is minimised. Protective coats with one of Junckers' water-based floor lacquers have to be applied after priming.

Choose WB Primer clear for the traditional look or WB Primer colour to create a lighter or darker atmosphere in the room. A coloured primer is slightly transparent and emphasizes the natural grain structure of the wood.

For tropical timbers, oily woods and dark coloured patterned floors e.g. herringbone, best results will be achieved by using our solvent based primer. SB Primer.

WB Primer has received the Danish Indoor Climate Labelling and has therefore undergone extensive emission and odour tests. This ensures that there are no chemical substances in the lacquer which adversely affect the air quality in the room.

For professional and private use.

PRODUCT DESCRIPTION

Product: Water-based acrylic primer.

Package sizes:

Clear: 2½ litres, 5 litres and 10 litres. White, dark coco, driftwood grey, nordic: 5 litres.

Appearance:

Clear: Creamy/milky. When dry a colourless film.

White: Creamy/milky. Dries up to a transparent white film.

Nordic: Creamy/milky. Dries up to an untreated look on light

wood species.

Driftwood grey: Creamy/grey. Dries up to a transparent grey film.

Dark coco: Dries up to a transparent brown film.

TECHNICAL DATA

Coverage: 8 m² per litre / 86 sq.ft per litre (325 sq.ft per gallon).

Before application: Shake/stir well before use.

Application tools: Short hair roller. Do not apply by spraying. Don't apply by pouring out the lacquer directly onto the floor.

Substrate temperature: 15-25 °C (59-77 °F).

Dilution: Not recommended.

Drying time at 20 °C (68 °F) and 50 % RH: Approx. 1-2 hours.

RH: Water-based products have a certain gluing effect and are therefore only recommended to be used in rooms with a stable humidity. The difference between highest and lowest RH must not fluctuate more than 30 % during the year.

Cleaning of tools: Soap and water immediately after use

Storage: Lasts for 1 year if unopened and stored at 20 °C (68 °F). Not to be exposed to temperatures below 5 °C (41 °F).



SYSTEM RECOMMENDATIONS

WB Primer, clear: 1 coat, 8 m²/litre or

WB Primer, coloured: 1-2 coats, 8 m²/litre /86 sq.ft per litre (325 sq.ft per gallon)

+ 2 coats of a top-lacquer. Choose according to expected wear of the floor.

 $\textbf{High traffic areas:} \ \ \text{Finish with 2 coats of MT500 Floor Lacquer or HT700 Floor Lacquer 10 m}^2/\text{litre} \ / \ 110 \ \text{sq.ft per litre} \ \ (400 \ \text{sq.ft per gallon}).$

Low traffic areas: Finish with 2 coats of MT200 Floor Lacquer 10 m²/litre / 110 sq.ft per litre (400 sq.ft per gallon). **Sport areas:** Finish with 2 coats of HP800 Sport 10-12 m²/litre / 110-130 sq.ft per litre (400-490 sq.ft per gallon).

DIRECTIONS FOR USE

Untreated/sanded floors:

The surface should be clean, dry and free from dust, wax, grease, polish etc. Machine sand the surface to remove dirt and irregularities. Vacuum thoroughly and wipe off with a cloth well wrung in clean water.

The final sanding, before applying WB Primer clear, should be carried out by using sandpaper grit 120-150.

The final sanding, before applying coloured WB Primer, should be carried out by using sandpaper grit 150-180. This gives the lacquered surface a more uniform appearance.

- Apply 1 coat of WB Primer in an even layer.
- When using coloured WB Primer an additional coat can be applied to obtain more colour intensity.
- Make sure that overlapping edges on the lacquered area do not dry out during treatment.
- Do not apply more than 2 coats per day.
- When the primer is dry, sand with sandpaper grit 150-180 or a black screening pad.
- Finish with 2 coats of one of Junckers' water-based floor lacquers.

Previously sealed floors:

- Machine sand before applying WB Primer.
- Use sandpaper grit 24-36 to strip privious coats.
- Then remove abrasion marks with sandpaper grit 60-80.
- Prime the floor as described under "Untreated/sanded floors".

PRECAUTIONARY MEASURES

Before using the product, read the label on the container carefully and observe the recommended precautionary measures. See Safety Data Sheet for detailed information.







FURTHER INFORMATION

Products:

F 4.2 - Junckers MT200 Floor Lacquer

F 5.1 - Junckers MT500 Floor Lacquer

F 8.2 - Junckers HP800 Sport

F 8.5 - Junckers HT700 Floor Lacquer



SAFETY DATA SHEET

WB PRIMER

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

1.1. Product identifier

▼Trade name

WB PRIMER

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

Relevant identified uses of the substance or mixture

Lacquering of wooden floors.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Junckers Industrier A/S

Vaerftsvej 4

4600 Koege

Denmark

Tel. +45 70 80 30 00

▼ Importer

Junckers Ltd.

5 Warren Yard, Warren Park, Stratford Road, Wolverton Mill

MK12 5NW Milton Keynes, Buckinghamshire

Tel. 0 1376 534 700

E-mail

productsafety@junckers.dk

Revision

21/03/2023

SDS Version

5.0

Date of previous version

09/12/2022 (4.0)

1.4. Emergency telephone number

National Poisons Information Service (NPIS): Call 111 (24 h service).

See section 4 for first aid measures.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Safety statement(s)

General

-

Prevention

05000

Response



Storage

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Disposal

- 1- -

Hazardous substances

None known.

Additional labelling

EUH208, Contains 1,2-Benzisothiazol-3(2H)-one (BIT), 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1)), Acid Brown 355. May produce an allergic reaction. EUH210, Safety data sheet available on request.

VOC

VOC content: ≤ 15 g/L

MAXIMUM VOC CONTENT (Phase II, category A/i (WB): 140 g/L)

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

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) 2018/605.

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
(2- Methoxymethylethoxy)propan ol	CAS No.: 34590-94-8 EC No.: 252-104-2 UK-REACH: Index No.:	1-2%		[1]
Acid Brown 355	CAS No.: 84989-26-4 EC No.: 284-915-2 UK-REACH: Index No.:	<0,2%	Skin Sens. 1B, H317 Aquatic Chronic 3, H412	
1,2-Benzisothiazol-3(2H)-one (BIT)	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: Index No.: 613-088-00-6	<0,03%	Acute Tox. 4, H302 (ATE: 490.00 mg/kg) Skin Irrit. 2, H315 Skin Sens. 1, H317 (SCL: 0.05 %) Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 2, H411	
5-Chloro-2-methyl-2H- isothiazol-3-one/2-Methyl-2H- isothiazol-3-one (3:1) (CMIT/MIT (3:1))	CAS No.: 55965-84-9 EC No.: 911-418-6 UK-REACH: Index No.: 613-167-00-5	<0,0015%	EUH071 Acute Tox. 3, H301 (ATE: 64.00 mg/kg) Acute Tox. 2, H310 (ATE: 87.00 mg/kg) Skin Corr. 1C, H314 (SCL: 0.60 %) Skin Irrit. 2, H315 (SCL: 0.06 %) Skin Sens. 1A, H317 (SCL: 0.0015 %) Eye Dam. 1, H318 (SCL: 0.60 %) Eye Irrit. 2, H319 (SCL: 0.06 %) Acute Tox. 2, H330 (ATE: 0.17 mg/L) Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100)	

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.



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 person into fresh air and stay with him/her.

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

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. 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

Not applicable.

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.

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

None known.

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

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:

Carbon oxides (CO / CO2)

5.3. Advice for firefighters

Fire fighters should wear appropriate personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No specific requirements.

6.2. ▼ Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. ▼ Methods and material for containment and cleaning up

Use sand, sawdust, soil, vermiculite or similar to collect liquid material. Subsequently, place in a suitable waste container.



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

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.

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

Recommended storage material

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

Storage temperature

> 5 °C

▼ Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing 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

(2-Methoxymethylethoxy)propanol

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

Long term exposure limit (8 hours) (mg/m³): 308

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-Methoxymethylethoxy)propanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	121 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	283 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	37,2 mg/m³
Long term – Systemic effects - Workers	Inhalation	308 mg/m ³
Long term – Systemic effects - General population	Oral	36 mg/kg bw/day

1,2-Benzisothiazol-3(2H)-one (BIT)

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	0,345 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	0,966 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1,2 mg/m³
Long term – Systemic effects - Workers	Inhalation	6,81 mg/m³

5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,02 mg/m³
Long term – Local effects - Workers	Inhalation	0,02 mg/m ³
Short term – Local effects - General population	Inhalation	0,04 mg/m ³
Short term – Local effects - Workers	Inhalation	0,04 mg/m³

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Long term – Systemic effects - General population	Oral	0,09 mg/kg bw/da
Short term – Systemic effects - General population	Oral	0,11 mg/kg bw/da
Acid Brown 355		
Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	0,18 mg/kg bw/da
Long term – Systemic effects - Workers	Dermal	0,36 mg/kg bw/da
Long term – Systemic effects - General population	Inhalation	0,12 mg/m³
Long term – Systemic effects - Workers	Inhalation	0,51 mg/m³
Long term – Systemic effects - General population	Oral	0,04 mg/kg bw/da
PNEC		
(2-Methoxymethylethoxy)propanol		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		19 mg/l
Freshwater sediment		70,2 mg/kg dw
Intermittent release (freshwater)		190 mg/l
Marine water		1,9 mg/l
Marine water sediment		7,02 mg/kg dw
Sewage treatment plant		4168 mg/l
Soil		2,74 mg/kg dw
1,2-Benzisothiazol-3(2H)-one (BIT)		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		4,03 μg/l
Freshwater sediment		49,9 μg/kg dw
Intermittent release (freshwater)		1,1 μg/l
Intermittent release (marine water)		0,11 µg/l
Marine water		0,403 μg/l
Marine water sediment		4,99 µg/kg dw
Sewage treatment plant		1,03 mg/l
Soil		3 mg/kg dw
5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiaz	zol-3-one (3:1) (CMIT/MIT (3:1))	
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	·	3,39 µg/l
Freshwater sediment		0,027 mg/kg dw
Intermittent release (freshwater)		3,39 µg/l
Intermittent release (marine water)		3,39 µg/l
Marine water		3,39 µg/l
Marine water sediment		0,027 mg/kg dw
Sewage treatment plant		0,23 mg/l
Sewage a catheric plant		
Soil		0,01 mg/kg dw
Soil		0,01 mg/kg dw
	Duration of Exposure:	0,01 mg/kg dw
Soil Acid Brown 355	Duration of Exposure:	
Soil Acid Brown 355 Route of exposure:	Duration of Exposure:	PNEC:

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Marine water	0,001 mg/l
Marine water sediment	0,004 mg/kg dw
Sewage treatment plant	10 mg/l
Soil	0,002 mg/kg dw

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.

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. Always wash 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

No specific requirements

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn	-	-	R

Ha	nd protection				
	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	Nitrile	0.4	> 480	FN374-2, FN374-3, FN388	000



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Eye protection

No specific requirements.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Various colours

Odour / Odour threshold

Faint

рΗ

8-9 Density (g/cm³)

1,03-1,04

Kinematic viscosity

WB PRIMER



Testing not relevant or not possible due to the nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Soluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

VOC (g/l)

≤ 15

Other physical and chemical parameters

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

None known.

10.5. ▼Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

▼ Acute toxicity

Product/substance 1,2-Benzisothiazol-3(2H)-one (BIT)

Test method: OECD 401



Species: Rat, Wistar, male/female

Route of exposure: Oral
Test: LD50
Result: 490 mg/kg

Product/substance 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Species: Rat, Charles River CD, male

Route of exposure: Oral Test: LD50 Result: 64 mg/kg

Product/substance 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Species: Rabbit, Albino, male

Route of exposure: Dermal LD50 Result: 87 mg/kg

Product/substance 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Test method: OECD 403

Species: Rat, Sprague-Dawley, male/female

Route of exposure: Inhalation
Test: LC50
Result: 0,17 mg/l

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

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

Skin sensitisation

This product contains substances that may trigger an allergic reaction in already sensitized persons.

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

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

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

None known.

▼ Endocrine disrupting properties

Not applicable.

Other information

None known.

SECTION 12: Ecological information

12.1. ▼ Toxicity

Product/substance Acid Brown 355
Test method: OECD 203
Species: Danio rerio
Compartment: Freshwater
Duration: 96 hours
Test: LC50
Result: 40 mg/l

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Product/substance 1,2-Benzisothiazol-3(2H)-one (BIT)

Test method: OECD 201

Species: Selenastrum capricornutum

Duration: 72 hours
Test: ErC50
Result: 0,11 mg/l

Product/substance 1,2-Benzisothiazol-3(2H)-one (BIT) Species: Selenastrum capricornutum

Duration: 72 hours
Test: NOErC
Result: 0,0403 mg/l

12.2. ▼ Persistence and degradability

Product/substance (2-Methoxymethylethoxy)propanol

Biodegradable: Yes
Test method: OECD 301 F
Result: 79 %

Product/substance Acid Brown 355
Biodegradable: No
Test method: OECD 301 A

Result: OECD 301 A

Product/substance 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Biodegradable: Yes

Test method: OECD 301 B Result: 62 %

12.3. ▼ Bioaccumulative potential

Product/substance (2-Methoxymethylethoxy)propanol

Test method:
Potential bioaccumulation: No
LogPow: 0,004

BCF: No data available.

Other information:

Product/substance 1,2-Benzisothiazol-3(2H)-one (BIT)

Test method:

Potential bioaccumulation: No LogPow: 0,7 BCF: 6,62

Other information:

Product/substance 5-Chloro-2-methyl-2H-isothiazol-3-one/2-Methyl-2H-isothiazol-3-one (3:1) (CMIT/MIT (3:1))

Test method:

Potential bioaccumulation: No LogPow: 0,75

BCF: No data available.

Other information:

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. ▼Endocrine disrupting properties

Not applicable.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

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Product is not covered by regulations on dangerous waste.

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

EWC code

08 01 12

Waste paint and varnish other than those mentioned in 08 01 11

Specific labelling

Not applicable.

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

^{*} Packing group

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

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

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

Not applicable.

Additional information

Not applicable.

▼ Sources

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

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

EUH071, Corrosive to the respiratory tract.

H301, Toxic if swallowed.

H302, Harmful if swallowed.

H310, Fatal in contact with skin.

^{**} Environmental hazards



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.

H330, Fatal if inhaled.

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.

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

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

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH = CLP-specific hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of classification and labelling of chemicals

IARC = International Agency for Research on Cancer

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

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 = 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

UVCB = Substances of Unknown or Variable composition, Complex reaction products or Biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and very Bioaccumulative

Additional information

Not applicable.

▼ The safety data sheet is validated by

ULS

Other

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