

Safety Data Sheet

according to Regulation (EC) No 1907/2006

3215 Paint sealing 400 ml

Revision date: 19.02.2019

Product code: 91253

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

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

Polishes and wax blends

1.3. Details of the supplier of the safety data sheet

Company name:	KERONA GmbH	
Street:	Zeilbaumweg 15	
Place:	D-74613 Öhringen	
Telephone:	+49 7941-9205 4080	
e-mail:	mail@kerona.de	
Contact person:	Dr. Hans Götz	Telephone: +49 170-8548 710
e-mail:	hans.goetz@kerona.de	
Internet:	www.kerona.de	

1.4. Emergency telephone number:

+49 761-19 240

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard categories:

Aerosol: Aerosol 1

Aspiration hazard: Asp. Tox. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

May be fatal if swallowed and enters airways.

Toxic to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Signal word:** Danger**Pictograms:****Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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Labelling of packages where the contents do not exceed 125 ml

Signal word: Danger

Pictograms:


Hazard statements

H222-H229

Precautionary statements

P102-P210-P211-P251-P410+P412

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Oils/waxes, containing solvents, aromatics removed

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
65072-03-9	Hydrocarbons C10-C12 isoalkanes < 2% aromatics			40 - 50 %
	923-037-2		01-2119471991-29	
	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 2; H226 H304 H411			
106-97-8	butane			30 - < 40 %
	203-448-7	601-004-00-0		
	Flam. Gas 1; H220			
74-98-6	propane			10 - < 20 %
	200-827-9	601-003-00-5		
	Flam. Gas 1; H220			
	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics			0.1 - < 5 %
	927-241-2		01-2119471843-32	
	Flam. Liq. 3, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 3; H226 H336 H304 H412			
75-28-5	isobutane			0.1 - < 5 %
	200-857-2	601-004-00-0		
	Flam. Gas 1; H220			

Full text of H and EUH statements: see section 16.

Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). First aider: Pay attention to self-protection! Move victim out of danger zone. Never give anything by mouth to an unconscious person or a person with cramps. Remove contaminated, saturated

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clothing immediately.

After inhalation

Remove casualty to fresh air and keep warm and at rest. Consult a doctor immediately in the case of inhaling spray mist and show him packing or label. Put victim at rest, cover with a blanket and keep warm. In case of irregular breathing or respiratory arrest provide artificial respiration.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After contact with eyes

Protect uninjured eye. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

After ingestion

Seek medical advice immediately. If unconscious place in recovery position and seek medical advice. Do NOT induce vomiting.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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

No data available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Atomized water. Carbon dioxide (CO₂). Extinguishing powder. alcohol resistant foam.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products: Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x)

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Wear personal protection equipment.

Additional information

In case of fire and/or explosion do not breathe fumes. Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8. Use personal protection equipment. Remove all sources of ignition. Avoid contact with skin and eyes. Provide adequate ventilation as well as local exhaustion at critical locations. Avoid breathing dust/fume/gas/mist/vapours/spray. Vapours are heavier than air and will spread at floor level.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal. Clear contaminated areas thoroughly.

6.4. Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Personal protection equipment: see section 8 Use only in well-ventilated areas. Do not breathe gas/vapour/aerosol. Avoid contact with skin and eyes. Do not spray on naked flames or any incandescent material. Vapours can form explosive mixtures with air. Take precautionary measures against static discharges.

Advice on protection against fire and explosion

Vapours are heavier than air, spread along floors and form explosive mixtures with air. Heating causes rise in pressure with risk of bursting. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Further information on handling

storage temperature: 15 - 30°C

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints on joint storage

Keep away from: Oxidizing agents. Strong acid. Strong alkali
 Keep away from food, drink and animal feedingstuffs.
 Do not store together with: Self-reactive substances and mixtures

Further information on storage conditions

No hazardous reaction when handled and stored according to provisions.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics			
	Consumer DNEL, long-term	oral	systemic	300 mg/kg bw/day
	Worker DNEL, long-term	dermal	systemic	300 mg/kg bw/day
	Consumer DNEL, long-term	dermal	systemic	300 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	1500 mg/m ³
	Consumer DNEL, long-term	inhalation	systemic	900 mg/m ³

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

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Protective and hygiene measures

Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

Eye/face protection

Wear eye/face protection.

Hand protection

NBR (Nitrile rubber).
 Thickness of the glove material >0,4 mm / > 480 min
 Neoprene
 Thickness of the glove material >0,4 mm
 Recommended glove articles DIN EN 374

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Aerosol	
Colour:	colourless	
Odour:	characteristic	
pH-Value:		not determined

Changes in the physical state

Melting point:		not determined
Initial boiling point and boiling range:		-44 °C
Flash point:		not applicable
Lower explosion limits:		0,6 vol. %
Upper explosion limits:		10,9 vol. %
Ignition temperature:		200 °C
Decomposition temperature:		not determined
Density (at 24 °C):		0,645 g/cm ³
Water solubility:	The study does not need to be conducted because the substance is known to be insoluble in water.	
Viscosity / dynamic:		not determined
Viscosity / kinematic:		not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Materials to avoid: Strong acid; Strong alkali; Oxidising agent, strong

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Heating causes rise in pressure with risk of bursting.

10.4. Conditions to avoid

Keep away from heat.

10.5. Incompatible materials

Materials to avoid: Strong acid. Oxidizing agents. strong alkalis

10.6. Hazardous decomposition products

Carbon dioxide (CO₂). Carbon monoxide Nitrogen oxides (NO_x).

Further information

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics				
	oral	LD50 mg/kg	>5000	Rat	OECD 401 eq.

Irritation and corrosivity

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

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

Specific effects in experiment on an animal

No data available

Additional information on tests

No data available

Practical experience

Observations relevant to classification

May be harmful if swallowed, in contact with skin or if inhaled. Has degreasing effect on the skin. May cause drowsiness or dizziness.

Other observations

No data available

Further information

May be harmful if swallowed, in contact with skin or if inhaled.

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SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
74-98-6	propane	2,36
75-28-5	isobutane	2,8

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Remove according to the regulations.

Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances; hazardous waste

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	UN 1950
<u>14.2. UN proper shipping name:</u>	AEROSOLS
<u>14.3. Transport hazard class(es):</u>	2
Hazard label:	2.1
Classification code:	5F
Special Provisions:	190 327 344 625
Limited quantity:	1 L
Transport category:	2

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Tunnel restriction code: D

Other applicable information (land transport)

E1

Inland waterways transport (ADN)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
Hazard label: 2.1
Classification code: 5F
Special Provisions: 190 327 344 625
Limited quantity: 1 L

Other applicable information (inland waterways transport)

E1

Marine transport (IMDG)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS
14.3. Transport hazard class(es): 2
14.4. Packing group: -
Hazard label: 2, see SP63
Special Provisions: 63, 190, 277, 327, 344, 959
Limited quantity: See SP277
EmS: F-D, S-U

Other applicable information (marine transport)

E1

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1950
14.2. UN proper shipping name: AEROSOLS, flammable
14.3. Transport hazard class(es): 2.1
Hazard label: 2.1
Special Provisions: A145 A167 A802
Limited quantity Passenger: 30 kg G
IATA-packing instructions - Passenger: 203
IATA-max. quantity - Passenger: 75 kg
IATA-packing instructions - Cargo: 203
IATA-max. quantity - Cargo: 150 kg

Other applicable information (air transport)

Passenger-LQ: Y203
E0
00000000005: Y203
E1

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes
Danger releasing substance: Hydrocarbons

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

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SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28: butane; Hydrocarbons C9-C10 - n-alkanes - isoalkanes - cyclics - <2% aromatics; isobutane
 2010/75/EU (VOC): 99,1%; 639,2 g/l

National regulatory information

Water contaminating class (D): 3 - highly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Oberflächenbehandlung	-	-	14	-	-	-	-	3
2	Washing and cleaning products	IS, PW, C	-	35	7, 11, 19, 28	4, 8d	-	105	

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)