

**SAFETY DATA SHEET**  
**according to 1907/2006/EC, Article 31**

Revision date: 23.01.2018

**1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product details****Trade name:** Aerosol Plastic primer**Article number:** 26014**Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Sector of Use**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Product category** PC9a Coatings and paints, thinners, paint removers**Process category**

PROC7 Industrial spraying

PROC11 Non industrial spraying

**Intended use:** Car refinishing Product/Preparation**Manufacturer/Supplier:** Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69115 Heidelberg -- Germany

**Further information obtainable from:** Product Safety Department**Information in case of emergency:** + 49 70024112112 (CH)

**2 – HAZARDS IDENTIFICATION**

**Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
STOT SE 3 H336 May cause drowsiness or dizziness.

#### Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS02 GHS07 GHS09

**Signal word:** Danger

#### Hazard-determining components of labelling:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

#### Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

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.

P260 Do not breathe spray.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents / container in accordance with regional regulations.

#### Other hazards

#### Results of PBT and vPvB assessment

**PBT:**Not applicable.

**vPvB:**Not applicable.

### 3- COMPOSITION/INFORMATION ON INGREDIENTS

#### Chemical characterization: Mixtures

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

Dangerous components:		
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	50-<75%

	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.nr.: 01-2119472128-37	dimethyl ether  Flam. Gas 1, H220 Press. Gas C, H280	25-50%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32	xylene, mixture of isomers  Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	5-10%
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119488216-32-xxxx	xylene  Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Aquatic Chronic 3, H412	<2.5%

#### Additional information:

Note C (Regulation (EC) no. 1272/2008) applies to the component Xylene (mixture) CAS: 1330-20-7. For the wording of the listed risk phrases refer to section 16.

### 4- FIRST - AID MEASURE

#### Description of first aid measures

**After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately

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

No further relevant information available.

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

No further relevant information available.

### 5- FIRE - FIGHTING MEASURE

#### Extinguishing media

#### Suitable extinguishing agents:

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**Advice for firefighters -**

**Protective equipment:** Mouth respiratory protective device

**6- ACCIDENTAL RELEASE MEASURE****Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.

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

**Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**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.

**7- HANDLING AND STORAGE**

**Precautions for safe handling:** Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:**

Do not spray onto a naked flame or any incandescent material.

Keep ignition sources away - Do not smoke.

Keep respiratory protective device available.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:** Not required

**Further information about storage conditions:** Keep container tightly sealed.

**Storage class:** 2 B

**Specific end use(s):** No further relevant information available.

**8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Control parameters**

<b>Ingredients with limit values that require monitoring at the workplace:</b>	
115-10-6 dimethyl ether	
WEL	Short-term value: 958 mg/m <sup>3</sup> , 500 ppm Long-term value: 766 mg/m <sup>3</sup> , 400 ppm
1330-20-7 xylene, mixture of isomers	
WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
1330-20-7 xylene	
WEL	Short-term value: 441 mg/m <sup>3</sup> , 100 ppm Long-term value: 220 mg/m <sup>3</sup> , 50 ppm Sk; BMGV
<b>Ingredients with biological limit values:</b>	
1330-20-7 xylene, mixture of isomers	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
1330-20-7 xylene	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

**Additional information:** The lists valid during the making were used as basis.

#### **Exposure controls**

#### **Personal protective equipment:**

#### **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

#### **Respiratory protection:**

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.

#### **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

#### **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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Not required.

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

<b>Information on basic physical and chemical properties</b>	
<b>General Information</b>	
<b>Appearance:</b>	
<b>Form:</b>	<i>Aerosol</i>
<b>Colour:</b>	<i>Colourless</i>
<b>Odour:</b>	<i>Solvent-like</i>
<b>Odour threshold:</b>	<i>Not determined.</i>
<b>pH-value:</b>	<i>Not determined.</i>
<b>Change in condition</b>	
<b>Melting point/freezing point:</b>	<i>Undetermined.</i>
<b>Initial boiling point and boiling range:</b>	<i>Not applicable, as aerosol</i>
<b>Flash point:</b>	<i>&lt;0 °C (&lt;32 °F) Not applicable, as aerosol.</i>
<b>Flammability (solid, gas):</b>	<i>Not applicable.</i>
<b>Ignition temperature:</b>	<i>&gt; 200 °C (&gt; 392 °F)</i>
<b>Decomposition temperature:</b>	<i>Not determined.</i>
<b>Auto-ignition temperature:</b>	<i>Product is not selfigniting.</i>
<b>Explosive properties:</b>	<i>Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.</i>
<b>Explosion limits:</b>	
<b>Lower:</b>	<i>0.6 Vol %</i>
<b>Upper:</b>	<i>26.2 Vol %</i>
<b>Vapour pressure at 20 °C (68 °F):</b>	<i>4,000 hPa (3,000.2 mm Hg)</i>
<b>Density at 20 °C (68 °F):</b>	<i>0.71 g/cm<sup>3</sup> (5.92 lbs/gal)</i>
<b>Relative density</b>	<i>Not determined.</i>
<b>Vapour density</b>	<i>Not determined.</i>
<b>Evaporation rate</b>	<i>Not applicable.</i>
<b>Solubility in / Miscibility with water:</b>	<i>Not miscible or difficult to mix.</i>
<b>Partition coefficient: n-octanol/water:</b>	<i>Not determined.</i>

<b>Viscosity:</b>	
<b>Dynamic:</b>	<i>Not determined.</i>
<b>Kinematic:</b>	<i>Not determined.</i>
<b>Solvent content:</b>	
<b>Organic solvents:</b>	99.0 %
<b>EU-VOC:</b>	701.1 g/l
<b>EU-VOC in %:</b>	99.16 %
<b>VOC (EC)</b>	---
	699.9 g/l
<b>VOC-EU%</b>	98.99 %
<b>Solids content:</b>	0.0 %
<b>Other information</b>	<i>No further relevant information available.</i>

## 10- STABILITY AND REACTIVITY

**Reactivity** No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11- TOXICOLOGICAL INFORMATION

**Information on toxicological effects**

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

LD/LC50 values relevant for classification:		
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Oral	LD50	>5,840 mg/kg (rat)
Dermal	LD50	>2,920 mg/kg (rab)
Inhalative	LC50/4 h	>25.2 mg/l (rat)
1330-20-7 xylene, mixture of isomers		
Oral	LD50	3,523 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50 / 4 h	29,000 mg/m3 (rat)
1330-20-7 xylene		
Inhalative	LD50	3,523 mg/kg (rat)

Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	29,000 mg/m <sup>3</sup> (rat)

#### Primary irritant effect:

#### Skin corrosion/irritation

Causes skin irritation.

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

**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 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.

## 12 – ECOLOGICAL INFORMATION

### Toxicity

<b>Aquatic toxicity:</b>	
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	
EC50 / 48 h	3 mg/l (daphnia magna)
EC50 / 72 h	30-100 mg/l (algae)
LC50 / 96 h	11.4 mg/l (fish)
115-10-6 dimethyl ether	
EC50 / 96 h	155 mg/l (algae)
LC50 / 48 h	>4,000 mg/l (daphnia magna)
LC50 / 96 h	>4,000 mg/l (fish)
1330-20-7 xylene, mixture of isomers	
EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 mg/l (fish)
1330-20-7 xylene	
EC50 / 48 h	7.4 mg/l (daphnia magna)
LC50 / 96 h	13.5 mg/l (fish)

**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

#### Ecotoxicological effects:

**Remark:** Toxic for fish

#### 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.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

#### Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

### 13- DISPOSAL CONSIDERATION

#### Waste treatment methods

##### Recommendation

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

European waste catalogue	
20 01 13*	solvents
15 01 04	metallic packaging

#### Uncleaned packaging:

**Recommendation:** Non contaminated packagings may be recycled

### 14- TRANSPORT INFORMATION

#### UN-Number

ADR, IMDG, IATA

UN 1950

#### UN proper shipping name

ADR

1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

#### Transport hazard class(es)

ADR



Class

2 5F Gases.

Label

2.1

IMDG, IATA



Class 2.1  
Label 2.1

**Packing group**

ADR, IMDG, IATA not regulated

**Environmental hazards:** Not applicable.

**Special precautions for user**

Danger code (Kemler): - Warning: Gases.

EMS Number: F-D,S-U

Stowage Code SW1 Protected from sources of heat.  
SW22 For AEROSOLS with a maximum capacity of 1 litre:  
Category A. For AEROSOLS with a capacity above 1 litre:  
Category B. For WASTE AEROSOLS: Category C, Clear  
of living quarters.

Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre:  
Segregation as for class 9. Stow "separated from" class 1  
except for division 1.4. For AEROSOLS with a capacity  
above 1 litre: Segregation as for the appropriate  
subdivision of class 2. For WASTE AEROSOLS:  
Segregation as for the appropriate subdivision of class 2.

**Transport in bulk according to Annex II of  
Marpol and the IBC Code** Not applicable.

**Transport/Additional information:**

**ADR**

Limited quantities (LQ) 1L  
Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity  
Code: E0  
Not permitted as Excepted Quantity  
Transport category 2  
Tunnel restriction code D

**IMDG**

Limited quantities (LQ) 1L  
Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity  
Code: E0  
Not permitted as Excepted Quantity

**UN "Model Regulation":** UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY

## HAZARDOUS

### **15 – REGULATORY INFORMATION**

**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**

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 40

**National regulations:**

**Other regulations, limitations and prohibitive regulations**

<b>Directive 2012/18/EU</b>
None of the ingredients is listed.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### **16-OTHER INFORMATION**

#### **Relevant phrases**

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to the gastro-intestinal tract through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

The information contained in these sheets is based on the present state of knowledge and current



CHAMÄLEON GMBH / RUDOLF-DIESEL-STRASSE 8A / 69115 HEIDELBERG / GERMANY

CHAMÄLEON GMBH  
RUDOLF-DIESEL-STRASSE 8A  
69115 HEIDELBERG  
GERMANY

FON 0049 (0) 6221 - 520 440  
FAX 0049 (0) 6221 - 520 449  
MAIL [INFO@CHAMAELEON-PRODUKTION.DE](mailto:INFO@CHAMAELEON-PRODUKTION.DE)  
WEB [WWW.CHAMAELEON-PRODUKTION.DE](http://WWW.CHAMAELEON-PRODUKTION.DE)

national legislation. It provides guidance on health, safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.