

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

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

- 1.1. Product identifier**
Substance / mixture 2-coat basepaint
Number 000050200xxx; HFA381xxx; HFB381xxx
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**
Mixture's intended use The product is intended for sale to the consumer and the professional/industrial use.
- The use descriptors**
C Consumer use
- Mixture uses advised against The product should not be used in ways other than those referred in Section 1.
- 1.3. Details of the supplier of the safety data sheet**
Supplier
Name or trade name ŠKODA AUTO a.s.
Address tř. Václava Klementa 869, Mladá Boleslav II, 293 01
Czech Republic
VAT Reg No CZ00177041
Phone +420 326 811 111
E-mail msds@skoda-auto.cz
Web address www.skoda-auto.cz
- Competent person responsible for the safety data sheet**
Name Ing. Tadeáš Narovec
E-mail tadeas.narovec@skoda-auto.cz
- 1.4. Emergency telephone number**
National Health Service (NHS) 111
National poisoning information centre Scotland, NHS 24: 111

SECTION 2: Hazards identification

- 2.1. Substance or mixture classification**
Classification of the mixture in accordance with Regulation (EC) No 1272/2008
The mixture is classified as dangerous.

Aerosol 1, H222, H229
Skin Sens. 1, H317
Eye Dam. 1, H318
STOT SE 3, H336
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Extremely flammable aerosol. Pressurised container: May burst if heated.

Most serious adverse effects on human health and the environment

May cause drowsiness or dizziness. Causes serious eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

- 2.2. Label elements**
Hazard pictogram



Signal word
Danger

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

Hazardous substances

acetone
butan-1-ol
dipentene
Fatty acids, C14-18 and C16-18-unsatd., maleated

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.
H412 Harmful 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.
P501 Dispose of contents/container to be handed over to the person authorized to dispose of waste or by returning to the supplier.

Supplemental information

EUH 066 Repeated exposure may cause skin dryness or cracking.
Density 0.75 g/cm³
VOC 94 %
Dry matter 7 % volume
VOC limit value cat. B (e) : 840 g/l
Max. VOC content in the product in its ready to use condition 92.94 %

2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 Registration number: 01-2119471330-49-xxxx	acetone	25-<50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	2
Index: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 Registration number: 01-2119485493-29-xxxx	n-butyl acetate	5-<10	Flam. Liq. 3, H226 STOT SE 3, H336	2

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
 Revision date Version 1.0

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 603-004-00-6 CAS: 71-36-3 EC: 200-751-6 Registration number: 01-2119484630-38-xxxx	butan-1-ol	≥3-<5	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335, H336	2
Index: 603-177-00-8 CAS: 1569-02-4 EC: 216-374-5 Registration number: 01-2119462792-32-xxxx	1-ethoxy-2-propanol	2.5-<5	Flam. Liq. 3, H226 STOT SE 3, H336	
Index: 606-026-00-4 CAS: 110-12-3 EC: 203-737-8 Registration number: 01-2119472300-51-xxxx	5-methylhexan-2-one	1-<2.5	Flam. Liq. 3, H226 Acute Tox. 4, H332	2
Index: 607-195-00-7 CAS: 108-65-6 EC: 203-603-9 Registration number: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate	1-<2.5	Flam. Liq. 3, H226 STOT SE 3, H336	2
Index: 603-052-00-8 CAS: 5131-66-8 EC: 225-878-4 Registration number: 01-2119475527-28-xxxx	3-butoxypropan-2-ol	1-<2.5	Skin Irrit. 2, H315 Eye Irrit. 2, H319	
CAS: 1174921-73-3 EC: 927-241-2 Registration number: 01-2119471843-32-xxxx	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics	1-<2.5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 3, H412	
CAS: 68002-25-5 EC: 614-205-3 Registration number: No Reach - No. available	1,3,5-triazine-2,4,6-triamine, polymer with formmaldehyde, butylated	1-<2.5	Aquatic Chronic 4, H413	
Index: 601-029-00-7 CAS: 138-86-3 EC: 205-341-0 Registration number: 01-2120766421-57-xxxx	dipentene	1-<2.5	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	1
Index: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7 Registration number: 01-2119488216-32	xylene	1-<2.5	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312+H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Aquatic Chronic 3, H412	1, 2

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019

Revision date Version 1.0

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
Index: 607-038-00-2 CAS: 112-07-2 EC: 203-933-3 Registration number: 01-2119475112-47-xxxx	2-butoxyethyl acetate	1-<2.5	Acute Tox. 4, H302+H312+H332	2
CAS: 85711-46-2 EC: 288-306-2 Registration number: 01-2119976378-19-xxxx	Fatty acids, C14-18 and C16-18-unsatd., maleated	≥0.1-<1	Skin Irrit. 2, H315 Skin Sens. 1B, H317	
Index: 030-011-00-6 CAS: 7779-90-0 EC: 231-944-3 Registration number: 01-2119485044-40-xxxx	trizinc bis(orthophosphate)	≥0.025-<0.25	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	

Notes

- Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- Substance for which exposure limits of Community for working environment exist.

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

Inhalation

Terminate the exposure immediately; move the affected person to fresh air. Protect the person against growing cold. Provide medical treatment if irritation, dyspnoea or other symptoms persist.

Skin contact

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible.

Eye contact

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

Ingestion

Unlikely.

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

Inhalation

Inhaling vapours can cause corrosion of the breathing system. May cause drowsiness or dizziness.

Skin contact

May cause an allergic skin reaction.

Eye contact

Causes serious eye damage.

Ingestion

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide sufficient ventilation. Extremely flammable aerosol. Pressurised container: May burst if heated. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols. Prevent contact with skin and eyes.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale aerosols. Prevent contact with skin and eyes. No smoking. Protect against direct sunlight. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up. Protect from sunlight. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C.

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
acetone (CAS: 67-64-1)	OEL	8 hours	1210 mg/m ³		EU limits
	OEL	8 hours	500 ppm		
5-methylhexan-2-one (CAS: 110-12-3)	OEL	8 hours	95 mg/m ³		EU limits
	OEL	8 hours	20 ppm		

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date	19. March 2019	Version	1.0
Revision date			

European Union

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-methoxy-1-methylethyl acetate (CAS: 108-65-6)	OEL	8 hours	275 mg/m ³		EU limits
	OEL	8 hours	50 ppm		
	OEL	Short-term	550 mg/m ³		
	OEL	Short-term	100 ppm		
	OEL	8 hours	275 mg/m ³	skin	
	OEL	8 hours	50 ppm	skin	
	OEL	Short-term	550 mg/m ³	skin	
	OEL	Short-term	100 ppm	skin	
xylene (CAS: 1330-20-7)	OEL	8 hours	221 mg/m ³		EU limits
	OEL	8 hours	50 ppm		
	OEL	Short-term	442 mg/m ³		
	OEL	Short-term	100 ppm		
	OEL	8 hours	221 mg/m ³	skin	
	OEL	8 hours	50 ppm	skin	
	OEL	Short-term	442 mg/m ³	skin	
	OEL	Short-term	100 ppm	skin	
2-butoxyethyl acetate (CAS: 112-07-2)	OEL	8 hours	133 mg/m ³		EU limits
	OEL	8 hours	20 ppm		
	OEL	Short-term	333 mg/m ³		
	OEL	Short-term	50 ppm		
	OEL	8 hours	133 mg/m ³	skin	
	OEL	8 hours	20 ppm	skin	
	OEL	Short-term	333 mg/m ³	skin	
	OEL	Short-term	50 ppm	skin	

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
acetone (CAS: 67-64-1)	WEL	8 hours	1210 mg/m ³		Gestis
	WEL	Short-term	3620 mg/m ³		
	WEL	8 hours	500 ppm		
	WEL	Short-term	1500 ppm		GBR
	WEL	15 minutes	3620 mg/m ³		
	WEL	15 minutes	1500 ppm		
n-butyl acetate (CAS: 123-86-4)	WEL	8 hours	724 mg/m ³		Gestis

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date	19. March 2019	Version	1.0
Revision date			

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
n-butyl acetate (CAS: 123-86-4)	WEL	Short-term	966 mg/m ³		Gestis
	WEL	8 hours	150 ppm		
	WEL	Short-term	200 ppm		
	WEL	15 minutes	966 mg/m ³		GBR
	WEL	15 minutes	200 ppm		
butan-1-ol (CAS: 71-36-3)	WEL	Short-term	154 mg/m ³		Gestis
	WEL	Short-term	50 ppm		
	WEL	15 minutes	154 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	50 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
5-methylhexan-2-one (CAS: 110-12-3)	WEL	8 hours	95 mg/m ³		Gestis
	WEL	Short-term	475 mg/m ³		
	WEL	8 hours	20 ppm		
	WEL	Short-term	100 ppm		
	WEL	8 hours	95 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	475 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	20 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	15 minutes	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date	19. March 2019	Version	1.0
Revision date			

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
2-methoxy-1-methylethyl acetate (CAS: 108-65-6)	WEL	8 hours	274 mg/m ³		Gestis
	WEL	Short-term	548 mg/m ³		
	WEL	8 hours	50 ppm		
	WEL	Short-term	100 ppm		
	WEL	8 hours	274 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	548 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	50 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	15 minutes	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
xylene (CAS: 1330-20-7)	WEL	8 hours	220 mg/m ³		Gestis
	WEL	Short-term	441 mg/m ³		
	WEL	8 hours	50 ppm		
	WEL	Short-term	100 ppm		
	WEL	8 hours	220 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	441 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	
	WEL	8 hours	50 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date	19. March 2019	Version	1.0
Revision date			

United Kingdom of Great Britain and Northern Ireland

Substance name (component)	Type	Time of exposure	Value	Note	Source
xylene (CAS: 1330-20-7)	WEL	15 minutes	100 ppm	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
2-butoxyethyl acetate (CAS: 112-07-2)	WEL	8 hours	147 mg/m ³		Gestis
	WEL	Short-term	367 mg/m ³		
	WEL	8 hours	20 ppm		
	WEL	Short-term	50 ppm		
	WEL	8 hours	133 mg/m ³	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.	GBR
	WEL	15 minutes	332 mg/m ³		
	WEL	8 hours	20 ppm		
	WEL	15 minutes	50 ppm		

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard

Not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	spray
Physical state	liquid at 20°C
color	By specification.
Odour	characteristic
Odour threshold	data not available
pH	data not available
Melting point/freezing point	data not available
Initial boiling point and boiling range	-44.5 °C
Flash point	<0 °C
Evaporation rate	data not available
Flammability (solid, gas)	Extremely flammable aerosol.
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	
bottom	1.5 %
upper	13 %
Vapour pressure	3600 hPa at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	almost insoluble
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	The product does not have explosive properties but can be explosive when blended with air.
Oxidising properties	data not available

9.2. Other information

Density	0.75 g/cm ³ at 20 °C
ignition temperature	365 °C
content of organic solvents (VOC)	94 %
solid content (dry matter)	7 % volume
VOC limit value	cat. B (e) : 840 g/l
Max. VOC content in the product in its ready to use condition	92.94 %

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost. Pressurised container: May burst if heated.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method
Oral	LD ₅₀		>5000 mg/kg		Rat		
Inhalation (vapor)	LC ₅₀		>4951 mg/m ³	4 hour	Rat		
Dermal	LD ₅₀		>3160 mg/kg		Rabbit		

xylene

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex	Determining method
Oral	LD ₅₀	EU B.1	3523 mg/kg		Rat (Rattus norvegicus)		
Dermal	LD ₅₀		1700 mg/kg		Rabbit		
Inhalation	LC ₅₀		11 mg/l	4 hour	Rat (Rattus norvegicus)		Calculation of value

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Time of exposure	Species
Dermal	Slightly irritating, Drying and cracking of the skin		Rabbit

xylene

Route of exposure	Result	Time of exposure	Species
Skin	Slightly irritating		Rabbit

Serious eye damage/irritation

Causes serious eye damage.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species
Eye	Not irritating	OECD 405		Rabbit

xylene

Route of exposure	Result	Method	Time of exposure	Species
Eye	Slightly irritating	OECD 405		Rabbit

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date

19. March 2019

Revision date

Version

1.0

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing			Guinea-pig (<i>Cavia aperea f. porcellus</i>)	

xylene

Route of exposure	Result	Method	Time of exposure	Species	Sex
Dermal	Not sensitizing	OECD 429		Mouse (<i>lymphoma</i>)	

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	in vitro				
Negative	in vivo			Mouse	

xylene

Result	Method	Time of exposure	Specific target organ	Species	Sex
Negative	OECD 471			Bacteria (<i>Salmonella typhimurium</i>)	
Negative	EU B.10				
Negative	EU B.19				

Carcinogenicity

Based on available data the classification criteria are not met.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Method	Value	Time of exposure	Result	Species	Sex
Inhalation (vapor)				105 week	Not carcinogenic	Rat	

xylene

Route of exposure	Parameter	Method	Value	Time of exposure	Result	Species	Sex
Oral		EU B.32		103 week (5 days/week)	Not carcinogenic	Rat (<i>Rattus norvegicus</i>)	F/M

Reproductive toxicity

Based on available data the classification criteria are not met.

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Value	Result	Species	Sex
			Drowsiness, Dizziness		

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

xylene

Route of exposure	Parameter	Method	Value	Time of exposure	Result	Species	Sex
Oral	NOAEL	OECD 408	150 mg/kg	90 day (7 days/week)		Rat (<i>Rattus norvegicus</i>)	

Repeated dose toxicity

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Route of exposure	Parameter	Result	Value	Time of exposure	Species	Sex
Inhalation (vapor)	NOAEL		10186 mg/kg	13 week	Rat	

Aspiration hazard

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Method	Value	Time of exposure	Species	Environment
LL ₅₀	OECD 203	>10-30 mg/l	96 hour	Fishes (<i>Oncorhynchus mykiss</i>)	
EL ₅₀	OECD 202	>22-46 mg/l	48 hour	Daphnia (<i>Daphnia magna</i>)	
EL ₅₀	OECD 201	>1000 mg/l	72 hour	Algae (<i>Pseudokirchneriella subcapitata</i>)	

xylene

Parameter	Method	Value	Time of exposure	Species	Environment
LC ₅₀	OECD 203	86 mg/l		Fishes (<i>Leuciscus idus</i>)	Freshwater
EC ₅₀	OECD 202	3.1 mg/l	48 hour	Daphnia (<i>Daphnia magna</i>)	Freshwater

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

xylene

Parameter	Method	Value	Time of exposure	Species	Environment
EC ₅₀	OECD 201	2.2 mg/l	72 hour	Algae (Selenastrum capricornutum)	Freshwater
EC ₅₀		>1-10 mg/l		Algae (Selenastrum capricornutum)	Salt water

12.2. Persistence and degradability

Biodegradability

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301F	89 %	28 day		Easily biodegradable

xylene

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301	>60 %			Easily biodegradable

Data not available.

12.3. Bioaccumulative potential

Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
Log Pow	0.05				

xylene

Parameter	Value	Time of exposure	Species	Environment	Surrounding temperature [°C]
BAF	8.5	7 day	Fishes (Oncorhynchus mykiss)	Freshwater	

Not available.

12.4. Mobility in soil

xylene

Parameter	Value	Environment	Surrounding temperature
Log Pow	3.12		

Not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Packaging waste type code

15 01 10 packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1. UN number

UN 1950

14.2. UN proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

2 Gases

14.4. Packing group

not available

14.5. Environmental hazards

No.

14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

Additional information

Hazard identification No.

 (Kemler Code)

UN number

5F

Classification code

2.1

Safety signs

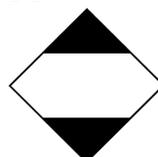


Road transport - ADR

Limited quantities

1 L

Sign



Air transport - ICAO/IATA

Packaging instructions passenger

203

Cargo packaging instructions

203

Marine transport - IMDG

EmS (emergency plan)

F-D, S-U

MFAG

620

Marine Pollutant

No

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019
Revision date Version 1.0

SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

15.2. Chemical safety assessment

not available

SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
H312+H332	Harmful in contact with skin or if inhaled.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.

Guidelines for safe handling used in the safety data sheet

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.
P501	Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

A list of additional standard phrases used in the safety data sheet

EUH 066 Repeated exposure may cause skin dryness or cracking.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date	19. March 2019	Version	1.0
Revision date			

EC ₅₀	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC ₅₀	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC ₅₀	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD ₅₀	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log K _{ow}	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Acute Tox.	Acute toxicity
Aerosol	Aerosol
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment
Asp. Tox.	Aspiration hazard
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitization
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

SAFETY DATA SHEET



according to Regulation (EC) No 1907/2006 (REACH) as amended

2-coat basepaint

Creation date 19. March 2019

Revision date Version 1.0

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. First aid principles after the exposure to the chemicals (Zásady pro poskytování první pomoci při expozici chemickým látkám, doc. MUDr. Daniela Pelclová, CSc., MUDr. Alexandr Fuchs, CSc., MUDr. Miroslava Hornychová, CSc., MUDr. Zdeňka Trávníčková, CSc., Jiřina Fridrichovská, prom. chem.). Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.