

article **AEROSPRAY universal varnishes**
50590000 version: 1Date: 09.02.2009
Page 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Commercial Product name AEROSPRAY universal varnishes

art.no.: 50 590 - AEROSPRAY universal varnish, glossy
art.no.: 50 592 - AEROSPRAY universal varnish, satin
art.no.: 50 594 - AEROSPRAY universal varnish, matt

Use of the substance Colorless final varnish for oil-, acrylique- and gouachepainting.
Company

Information H.Schmincke & Co. GmbH & Co. KG
Otto-Hahn-Strasse 2
D-40699 Erkrath
www.schmincke.de
Schmincke-laboratory: mo.-th. 8.00-16.30, fr. 8.00-13.30
tel.: +49 (0) 211 - 2509 - 474
eMail: labor@schmincke.de

Emergency Information
Emergencycall Berlin: +49 (0) 30 - 1 92 40 (0.00-24.00)

2. Hazard identification

Classification

Nature of Hazard

F+ Extremely flammable
N Dangerous for the environment

R phrase(s)

R12 Extremely flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

3. Composition/information on ingredients

Chemical characterization (substance)
Customs tariff numbermineral spirit acrylic resin UV-protection
art.no.: 50 590 - AEROPRAY universal varnish, glossy
Glossy, non-yellowing and age-resistant colorless final varnish.art.no.: 50 592 - AEROPRAY universal varnish, satin
Satinmatt, non-yellowing and age-resistant colorless final varnish.art.no.: 50 594 - AEROPRAY universal varnish, matt
Matt, non-yellowing and age-resistant colorless final varnish.

Dangerous constituents

White spirit: 20 % - 70 % CAS-Number: 64742-82-1
R phrase(s): 10 - 51/53 - 65 - 66 - 67

n-Butanol: 1 % - 10 % CAS-Number: 71-36-3
R phrase(s): 10 - 22 - 37/38 - 41 - 67

mixture of:

alpha-3-(3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxy-phenyl)propionyl-o
mega-hydroxypoly(oxyethylen) und
alpha-3-(3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxy-phenyl)propionyl-o
mega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxyp
oly(oxyethylen): < 1 %
EC-Number: 607-176-00-3 R phrase(s): 43 - 51/53

Propan / Butan: 10.5 - 30 % CAS-Number: 74-98-6 / 106-97-8
R phrase(s): 12

Di(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate: < 1 %
CAS-Number: 41556-26-7 R phrase(s): 43 - 50/53

Methyl-(1,2,2,6,6-pentamethyl-4-piperidyl)sebacat: < 1 %
CAS-Number: 82919-37-7 R phrase(s): 43 - 51/53

4. First aid measures

After inhalation	Remove the casualty into fresh air and keep him calm. By continuous complaints consult a physician.
After skin contact	When in contact with the skin, clean with soap and water.
After eye contact	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
After swallowing	When swallowed seek medical aid immediately and show the physician the packaging or the label of the packaging.

5. Fire fighting measures

Suitable extinguishing media Dry powder Carbon dioxide Nitrogen

6. Accidental release measures

Personal precautions	Information regarding personal protective measures see, chapter 8.
Environmental precautions	Do not allow to enter drains or waterways.
Methods for cleaning up / spillage removal	Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under heading "Disposal".

7. Handling and storage

Handling	
Information for safe handling	Ensure adequate ventilation. Keep away from sources of ignition - refrain from smoking.
Storage	
Requirement for storerooms and containers	Keep container tightly closed in a cool, well-ventilated place. Protect from heat and direct sunlight.

8. Exposure controls / personal protection

Critical values of exposure

Safety Data Sheet according to 1907/2006/EGarticle **AEROSPRAY universal varnishes**
50590000 version: 1Date: 09.02.2009
Page 3 of 5

Limitation and surveillance of the exposure at the workplace.

Respiratory protection	Breathing apparatus in the event of aerosol or mist formation. Do not inhale aerosols.
Hand protection	
Glove material	Viton f.e. Vitoject 890 Art.No. 0890 - Kächele-Cama Latex GmbH, Am Kreuzacker 9, D-36124 Eichenzell, Internet: www.kcl.de
Breakthrough time	Permeation: Level 6 (> 480 min.)
Additional information	All information was derived in accordance with EU directive 89/686/EWG and the resultant EN 374 in cooperation with Kächele-Cama Latex GmbH. This recommendation applies exclusively to the product and use named in Section 1. In the event of commingling or deviating conditions, contact the suppliers of CE-approved gloves.
Eye protection	Safety glasses

9. Physical and chemical properties

Appearance

Form	Aerosol
Colour	colourless
Odour	solvent-like

Safety relevant data

Flash point	-60 °C
Vapour pressure	300 kPa
Density	0,6 - 0,7 g/ml

10. Stability and reactivity

Condition to avoid (hazardous reactions)	Protect from heat and direct sunlight.
Materials to avoid	Reactions with strong oxidising agents.

11. Toxicological information

Toxicological Tests

Acute toxicity	LD50 rat (oral): > 5000 mg/kg The toxicological information is based on the main components.
----------------	-------------------------------------------------------------------------------------------------

12. environmental data

Details of elimination (decomposition and persistence)

Text of valuation	Slightly biodegradable
Further details	water risk class: 2 - precautionary

13. Disposal considerations

article **AEROSPRAY universal varnishes**
50590000 version: 1Date: 09.02.2009
Page 4 of 5

Product

Recommendation 080111* waste paint and varnish containing organic solvents or other dangerous substances

14. transport information

Overland transport

UN No. 1950

Class 2 - flammable gas

Packaging group -

Description of goods Pressurized gas packages (aerosol cans)

Label ADR 2.1

Tunnel-limitation 2 (D)

Kemmler-number -

Transport by sea

UN No. 1950

Class 2 - flammable gas

Subrisk MP

Packing Group -

Proper shipping name AEROSOLS

Hazardous Material MINERAL SPIRIT

EmS number F-D, S-U

Air transport

UN No. 1950

Class 2.1 - flammable gas

Proper shipping name AEROSOLS

Hazardous Material MINERAL SPIRIT

Packing Group -

15. legal regulations

Classification

Nature of Hazard F+ Extremely flammable
N Dangerous for the environment

R phrase(s) R12 Extremely flammable.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

S phrase(s) S23 Do not breathe gas/fumes/vapour/spray.
S51 Use only in well-ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

article **AEROSPRAY universal varnishes**
50590000 version: 1Date: 09.02.2009
Page 5 of 5

Text for labelling

Contain triazolderivates and piperidylderivates. May cause allergic reactions.

Pressuzied container: Protect from direct sunlight an do not expose to temperatures exeeding 50 °C (122°F). Do not open by force after use and do not burn. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition. - No smoking. Keep out of reach of children.

16. Other information

R phrase(s)

R10 Flammable.
R12 Extremely flammable.
R22 Harmful if swallowed.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Further remarks

This information is abased on our current state of knowledge and describes the security standards applicable to our product for the purpose provided. The information provided here does not constitute a legally binding warranty of specific characteristics or of suitability for a specific application use of the product is thus to be adapted to the user's special conditions and checked by preliminary tests. We are thus unable to guarantee product characteristics or accept an liability for damage arising in connection with the use of our products.