

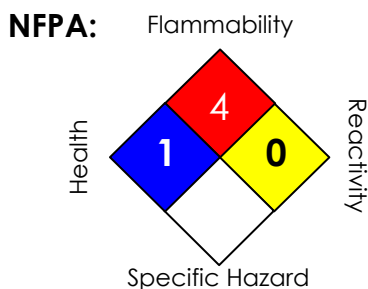
Material Safety Data Sheet

Silver Wheel Paint Aerosol

Version 2.0

Revision Date 11/15/2011

Print Date 12/07/2011


HMIS III:

HEALTH	2*
FLAMMABILITY	4
PHYSICAL	0

0 = Insignificant, 1 = Slight,
2 = Moderate, 3 = High, 4 = Extreme

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Commercial Product Name : Silver Wheel Paint Aerosol
 Product code : 1892181
 MSDS-Identcode : 10042303
 Product Use Description : Topcoat
 Company : Wurth USA Inc.
 93 Grant St.
 07446 Ramsey, NJ
 USA
 Telephone : +1 201 825 27 10
 Telefax : +1 201 825 16 43
 Responsible/issuing person : prodsafe.wurth@sap.com
 Emergency telephone number : +1 800 255 3924

SECTION 2. HAZARDS IDENTIFICATION
Emergency Overview

Regulatory status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word : DANGER
 Form : aerosol
 Odour : not applicable
 Odour - Control parameters : no data available
 Hazard Summary : Flammable aerosol

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Irritant
May cause birth defects.
May cause fire.
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C / 122 °F.

Potential Health Effects

- Eyes : May cause eye irritation.
- Skin : May cause skin irritation.
- Chronic Exposure : Suspect reproductive hazard - contains material which may injure unborn child.
- Target Organs : Eyes
Skin
Liver
Kidney
- Carcinogenicity:
ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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CA Prop 65 : WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS-No.	Weight percent- Weight percent
toluene	108-88-3	>= 25 - < 35
acetone	67-64-1	>= 25 - < 35
propane	74-98-6	>= 15 - < 20
butane	106-97-8	>= 10 - < 12.5
aluminium	7429-90-5	>= 3 - < 5
distillates (petroleum), hydrotreated light	64742-47-8	>= 2 - < 3

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). First aider needs to protect himself. Move out of dangerous area. Never give anything by mouth to an unconscious person. Take off contaminated clothing and shoes immediately.

Inhalation : If breathed in, move person into fresh air. Call a physician immediately. Keep patient warm and at rest. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Skin contact : In case of contact, immediately flush skin with soap and plenty of water. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

Eye contact : Protect unharmed eye. If easy to do, remove contact lens, if worn. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion : If swallowed, seek medical advice immediately and show this container or label. If swallowed, DO NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position.

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SECTION 5. FIREFIGHTING MEASURES

- Form : aerosol
- Ignition temperature : 365 °C (689 °F)
- Lower explosion limit : 1.5 %(V)
- Upper explosion limit : 10.9 %(V)
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not use a solid water stream as it may scatter and spread fire.
Hazardous decomposition products may be formed under fire conditions (see section 10).
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.
- Further information : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
In the event of fire and/or explosion do not breathe fumes.
Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately.
This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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- Personal precautions : Refer to protective measures listed in sections 7 and 8.
Use personal protective equipment.
Avoid contact with skin and eyes.
Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapour or mist.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.
Clean contaminated surface thoroughly.

CERCLA Hazardous substances and corresponding RQs:

108-88-3	1,000 lbs <i>final RQ</i>
67-64-1	5,000 lbs <i>final RQ</i>

SECTION 7. HANDLING AND STORAGE**Handling**

- Handling : For personal protection see section 8.
Limit the stocks at work place.
Use only in well-ventilated areas.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
Do not spray on a naked flame or any incandescent material.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Dust explosion class : not applicable

Storage

- Requirements for storage areas and containers : Store in original container.
BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects.

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Keep containers tightly closed in a dry, cool and well-ventilated place.

Please observe the storage instructions for aerosols!

Advice on common storage : Keep away from oxidising agents and strongly acid or alkaline materials.

Other data : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines

Components	CAS-No.	List	Type:	Value	Update
toluene	108-88-3	ACGIH	TWA	20 ppm	2008-01-01
		NIOSH REL	TWA	100 ppm 375 mg/m3	2005-09-01
		NIOSH REL	ST	150 ppm 560 mg/m3	2005-09-01
		OSHA Z2	TWA	200 ppm	1997-08-04
		OSHA Z2	CEIL	300 ppm	1997-08-04
acetone	67-64-1	OSHA Z2	Peak	500 ppm	1997-08-04
		ACGIH	TWA	500 ppm	2007-01-01
		ACGIH	STEL	750 ppm	2007-01-01
		OSHA P1	TWA	1,000 ppm 2,400 mg/m3	1997-08-04
		NIOSH REL	TWA	250 ppm 590 mg/m3	2005-09-01
propane	74-98-6	OSHA P1	TWA	1,000 ppm 1,800 mg/m3	1997-08-04
		ACGIH	TWA	1,000 ppm	2007-01-01
		NIOSH REL	TWA	1,000 ppm 1,800 mg/m3	2005-09-01
butane	106-97-8	ACGIH	TWA	1,000 ppm	2007-01-01
		NIOSH REL	TWA	800 ppm 1,900 mg/m3	2005-09-01
aluminium	7429-90-5	NIOSH REL	TWA	5 mg/m3	2005-09-01
		NIOSH REL	TWA	10 mg/m3	2005-09-01
		ACGIH	TWA	1 mg/m3	2008-01-01
		OSHA P1	TWA	15 mg/m3	1997-08-04
		OSHA P1	TWA	5 mg/m3	1997-08-04

Engineering measures : Provide sufficient air exchange and/or exhaust in work rooms.

Eye protection : Tightly fitting safety goggles

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- Hand protection : Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer.
- Skin and body protection : Wear suitable protective clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Respiratory protection : When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Product contains low-boiling liquids. Respiratory protective equipment must be air supplied respirators.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. General industrial hygiene practice. Do not inhale aerosol. Avoid contact with skin, eyes and clothing. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Follow the skin protection plan. Wash contaminated clothing before re-use.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : aerosol
- Ignition temperature : 365 °C (689 °F)
- Lower explosion limit : 1.5 %(V)
- Upper explosion limit : 10.9 %(V)
- pH : no data available
- Boiling point/boiling range : -110 °C(-166 °F)
- Vapour pressure : ca.2,750 kPa
at 20 °C (68 °F)

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Density : 0.75 g/cm³Volatile organic
compounds (VOC) content : 57.0 %**SECTION 10. STABILITY AND REACTIVITY**Materials to avoid : Strong acids and strong bases
Oxidizing agentsHazardous decomposition
products : Carbon dioxide (CO₂), carbon monoxide (CO), oxides
of nitrogen (NO_x), dense black smoke.Hazardous reactions : Note: No decomposition if stored and applied as
directed.**SECTION 11. TOXICOLOGICAL INFORMATION**Skin irritation : Result: Skin irritation
Repeated or prolonged contact with the mixture may
cause removal of natural fat from the skin resulting in
desiccation of the skin.Eye irritation : Result: Eye irritation
The liquid splashed in the eyes may cause irritation and
reversible damage.
Strong lachrymation can make it difficult to escape.Carcinogenicity : No data is available on the product itself.
Reproductive toxicity : No data is available on the product itself.
Teratogenicity : No data is available on the product itself.
Further information : Symptoms of overexposure may be headache, dizziness,
tiredness, nausea and vomiting.
Vapours may cause drowsiness and dizziness.**Component:**

toluene

108-88-3

Acute oral toxicity: LD50 rat
Dose: > 5,000 mg/kgAcute dermal toxicity: LD50 rabbit
Dose: 12,124 mg/kgAcute inhalation toxicity: LC50 rat
Dose: 49 mg/l/Exposure time: 4 h

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		<p><u>Skin irritation</u>: Classification: Irritating to skin. Result: Mild skin irritation Prolonged skin contact may defat the skin and produce dermatitis.</p> <p><u>Eye irritation</u>: Classification: Irritating to eyes. Result: Mild eye irritation</p> <p><u>Teratogenicity</u>: Damage to fetus cannot be excluded.</p>
acetone	67-64-1	<p><u>Acute oral toxicity</u>: LD50 rat Dose: 5,800 mg/kg</p> <p><u>Acute dermal toxicity</u>: LD50 rabbit Dose: 20,000 mg/kg</p> <p><u>Acute inhalation toxicity</u>: LC50 rat Dose: 70 mg/l/Exposure time: 4 h</p> <p><u>Skin irritation</u>: Classification: Irritating to skin. Result: Mild skin irritation Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.</p> <p><u>Eye irritation</u>: Classification: Irritating to eyes. Result: Moderate eye irritation</p>
propane	74-98-6	<p><u>Acute inhalation toxicity</u>: LC50 rat Dose: 57000 ppm Exposure time: 15 min</p>
butane	106-97-8	<p><u>Acute inhalation toxicity</u>: LC50 rat Dose: 658 mg/l/Exposure time: 4 h</p>
distillates (petroleum), hydrotreated light	64742-47-8	<p><u>Acute oral toxicity</u>: LD50 rat Dose: > 15,000 mg/kg</p> <p><u>Skin irritation</u>: Result: Mild skin irritation</p> <p><u>Eye irritation</u>: Result: Mild eye irritation</p>

SECTION 12. ECOLOGICAL INFORMATION

Adsorbed organic bound : not included
halogens (AOX)
Volatile organic : 57.0 %
compounds (VOC)
content

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Additional ecological information : The product should not be allowed to enter drains, water courses or the soil.

Component:

toluene

108-88-3

Toxicity to fish:

LC50

Species: Carassius auratus (goldfish)

Dose: 13 mg/l

Exposure time: 96 h

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: 11.5 mg/l

Exposure time: 48 h

Toxicity to algae:

IC50

Species: Pseudokirchneriella subcapitata (green algae)

Dose: 12 mg/l

Exposure time: 72 h

acetone

67-64-1

Toxicity to fish:

LC50

Species: Oncorhynchus mykiss (rainbow trout)

Dose: 5,540 mg/l

Exposure time: 96 h

Acute and prolonged toxicity for aquatic invertebrates:

EC50

Species: Daphnia magna (Water flea)

Dose: 6,100 mg/l

Exposure time: 48 h

SECTION 13. DISPOSAL CONSIDERATIONS

Adequate disposal : In accordance with local and national regulations. This material and its container must be disposed of as hazardous waste.

SECTION 14. TRANSPORT INFORMATION**DOT 49 CFR**

ID No : UN 1950

Proper shipping name : Aerosols

Class : 2.1

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Labels : 2.1
Emergency Response : 126
Guidebook Number

TDGR

ID No : UN 1950
Proper shipping name : AEROSOLS
Class : 2.1
Labels : 2.1

ICAO/IATA-DGR

ID No : UN 1950
Proper shipping name : Aerosols, flammable
Class : 2.1
ICAO-Labels : 2.1
Packing instruction (cargo aircraft) : 203
Packing instruction (passenger aircraft) : 203
Packing instruction (passenger aircraft) : Y203
Environmentally hazardous : no

IMDG-Code

ID No : UN 1950
Description of the goods : AEROSOLS

Class : 2.1
IMDG-Labels : 2.1
EmS Number 1 : F-D
EmS Number 2 : S-U

Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Flammable aerosol

Moderate skin irritant
Moderate eye irritant
Teratogen

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard

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Fire Hazard

CERCLA Reportable Quantity : 3,734 lbs**EPCRA_313** US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

<u>Components</u>	<u>CAS-No.</u>
toluene	108-88-3
aluminium	7429-90-5

EPCRA_302 US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**PENN RTK** US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

<u>Components</u>	<u>CAS-No.</u>
acetone	67-64-1
butane	106-97-8
propane	74-98-6
toluene	108-88-3
aluminium	7429-90-5
2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	28262-63-7

MASS RTK US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

<u>Components</u>	<u>CAS-No.</u>
acetone	67-64-1
butane	106-97-8
propane	74-98-6
toluene	108-88-3
aluminium	7429-90-5

NJ RTK US. New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

<u>Components</u>	<u>CAS-No.</u>
acetone	67-64-1
butane	106-97-8

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propane	74-98-6
toluene	108-88-3
aluminium	7429-90-5
2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate and methyl 2-methyl-2-propenoate	28262-63-7

SECTION 16. OTHER INFORMATION**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Prepared by : TechniData BCS GmbH
Birlenbacher Str. 19
D-57078 Siegen
Germany
Telephone: +49-(0)271-88072-0

Revision Date : 11/15/2011