

Zolleks Avto d.o.o.

COCKPIT POLISH

Date of issue: 12/11/2014
Version: 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	COCKPIT POLISH
Substance/mixture	Mixture

1.2 Relevant identified uses of the substance/mixture and inadvisable uses

Identified uses: Cockpit polish

1.3 Details of the supplier of the Safety Data Sheet

Supplier:

Zolleks Avto d.o.o.
Kidričeva cesta 97
SI-4220 Škofja Loka

Telephone: +386 4 502 07 10
Fax.: +386 4 502 07 19

E-mail address of the person responsible for drawing up the Safety Data Sheet:
info@zolleks.si

1.4 Emergency telephone number

Emergency call – Slovenia: 112

2. HAZARD IDENTIFICATION

2.1 Classification of the substance/mixture

Classification in accordance with Regulation 1272/2008

Flam. Aerosol 1; H222
Skin Irrit. 2; H315
Eye Irrit. 2; H319

For the full text of the H-statements mentioned in this Section, see Section 16.

2.2 Label elements

Classification in accordance with Regulation 1272/2008

Pictograms:



Signal word: HAZARDOUS

Hazard statements:

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H222 Extremely flammable aerosol.
H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary statements:

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 Dispose of contents/container in accordance with local/national regulations.

Pressurized container: can explode if heated. Keep away from heat/sparks/open fire/hot surfaces. – Smoking is forbidden. Pressurized container: do not pierce or burn, even when empty. Protect from sunlight. Do not expose to temperatures above 50°C/122°F. Keep out of reach of children. Do not spray towards an open fire or any other source of ignition.

2.3 Other hazards

Does the mixture meet the criterion for PBT or vPvB: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical Name	CAS ES Index	REACH Reg. No.	Content in %	Classification (Regulation No. 1272/2008)
Dimethicone	9006-65-9 - -	-	60.0%	Eye Irrit. 2, H319
Butanedione	431-03-8 207-069-8 -	-	15.0%	Flam. Liq. 2, H225; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319
Isobutane	75-28-5 200-857-2 601-004-00-0	-	15.0%	Press.Gas; H280 Flam. Gas 1; H220
Propane	74-98-6 200-827-9 601-003-00-5	-	10.0%	Press.Gas; H280 Flam. Gas 1; H220

For the full text of the H-statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first-aid measures

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Inhalation	Supply fresh air; in case of discomfort consult a doctor.
Skin contact	Generally the product does not irritate the skin. In case of skin contact, wash with water and soap.
Eye contact	Immediately wash the eyes with plenty of water for at least 15 minutes. Wash the eyelids as well. Remove contact lenses, if present and easy to do. Continue rinsing. If discomfort persists, seek medical advice.
Ingestion	If symptoms persist, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents Carbon dioxide, powder, sand. Do not use water.

Unsuitable extinguishing agents Direct water stream.

5.2 Special hazards arising from the substance or mixture

Special hazards Keep containers cool with water spray from a safe distance.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters Wear self-contained breathing apparatus that is independent of the ambient atmosphere and protective clothing in case of risk of exposure to product vapours or combustion fumes.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ventilate the area. Remove all sources of ignition.

6.2 Environmental precautions

Do not allow into sewerage system or water resources.
In case of water contamination, inform competent local authorities.
Do not allow into drains, surface water or groundwater.

6.3 Cleaning up methods, materials and retention

Blot dry spill with adsorbent non-flammable material (sand, diatomaceous earth, acid binders, universal binder, sawdust). Provide sufficient ventilation. The containers should be physically collected. Dispose in accordance with description in Section 13. Do not wash ground with water or water based cleaners.

6.4 Reference to other sections

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Personal protective equipment See Section 8.
Waste management See Section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice for safe handling Provide sufficient ventilation at the workplace. Avoid creating mists/aerosols.

Advice for fire safety Keep away from sources of ignition — no smoking. Keep away from heat, sparks and open fire. Take precautionary measures against static discharges.

7.2 Conditions for a safe storage, including any incompatibilities

Technical measures/storage conditions Keep container tightly closed in a dry and cool place. Keep away from food, drink and animal feedingstuffs. Do not expose to direct sunlight.

Incompatible materials No information available.

7.3 Specific end uses No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values for ingredients:

Butanedione, CAS: 431-03-8

Short-term value: 0.07 mg/m³, 0.02 ppm

Long-term value: 0.04 mg/m³, 0.01 ppm

Isobutane, CAS: 75-28-5

REL (ZDA) Long-term value: 1900 mg/m³, 800 ppm

TLV (ZDA) Short-term value: 2370 mg/m³, 1000 ppm

AGW (Germany) Long-term value: 2400 mg/m³, 1000 ppm 4(II);DFG

Slovenia Limit value: 2400 mg/m³, 1000 ppm, STEL: 4

Propane, CAS: 74-98-6

PEL (ZDA) Long-term value: 1800 mg/m³, 1000 ppm

REL (ZDA) Long-term value: 1800 mg/m³, 1000 ppm

TLV (ZDA) Reference to Annex F: minimum oxygen content

AGW (Germany) Long-term value: 1800 mg/m³, 1000 ppm 4(II);DFG

Slovenia Limit value: 1800 mg/m³, 1000 ppm, STEL: 4

Source for Slovenia: Rules on the protection of workers from the risks related to exposure to chemical substances at work (OG RS No. 102/2010)

8.2 Exposure controls

Engineering controls Use only in well-ventilated areas. In confined spaces use

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general ventilation or local suction system. The standard precautionary measures are to be adhered to when handling chemicals.

Personal protective equipment**General information**

When using this product do not eat or drink. Immediately remove contaminated, soaked clothing. Wash hands before break and at the end of work. Avoid contact with skin and eyes.

Respiratory protection

In case of short-term exposure or low levels of contamination use mask with filter. In case of intensive or long-term exposure use insulating breathing apparatus.

Hand protection

Safety gloves.

The glove material has to be impermeable and resistant to the product/substance/mixture. Due to insufficient testing we cannot recommend the glove material. Glove material should be selected based on the breakthrough time, level of permeability and degradation.

The choosing of appropriate gloves does not depend only on the material, but more on several other properties – therefore the differences between different glove manufacturers.

The product is a mixture of several substances, therefore the resistance of the glove material cannot be calculated in advance and has to be tested prior to the application.

The breakthrough time of the glove material: The exact breakthrough time that you should take into consideration is available at the safety glove manufacturer.

Eye protection

Tight-fitting safety glasses.

Skin and body protection

Not intended.

8.3. Environmental exposure controls**General information**

Not determined.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Transparent liquid (in container under pressure/spray)
Colour	Colourless
Odour	Solvent
pH	No information available.
Flash point	-14°C
Boiling point	No information available.
Vapour pressure	0.3 mbar
Density	0.605 g/cm ³
Explosive properties	Product is not explosive. It may form an explosive vapour-air mixture.
Autoflammability	Product is not auto-flammable.
Flammability (solid, gas)	Flammable
Content of VOC	593 g/l
Evaporation rate	No information available.
Water solubility	No information available.

9.2 Other information

No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available.

10.2 Chemical stability

Product is stable under normal use conditions.

10.3 Possibility of hazardous reactions

No known hazardous reaction.

10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

11. TOXICOLOGICAL INFORMATION

(a) Acute toxicity

LD/LC50 values relevant for classification:

9006-65-9 dimethicone

Oral, LD50 > 20000 mg/kg (rat)

431-03-8 butanedione

Oral, LD50 1580 mg/kg (rat)

(b) Irritation

Causes irritation of skin and mucosa.

Causes serious eye irritation.

(c) Corrosivity

No information available.

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(d) Sensitisation	No known sensitisation.
(e) Repeat dose toxicity	No information available.
(f) Carcinogenicity	No information available.
(g) Mutagenicity	No information available.
(h) Toxicity for reproduction	No information available.

12. ECOLOGICAL INFORMATION

<u>12.1 Toxicity</u>	No information available.
<u>12.2 Persistence and degradability</u>	No information available.
<u>12.3 Bioaccumulative potential</u>	No information available.
<u>12.4 Mobility in soil</u>	No information available.
<u>12.5 Results of PBT and vPvB assessment</u>	No information available.
<u>12.6 Other adverse effects</u>	Do not allow to flow into sewerage system, ground waters or water resources. Risk to drinking water; even if small quantities of product enter the ground.

13. DISPOSAL CONSIDERATIONS**13.1 Waste management methods**

Contaminated packaging:	Packaging is not reusable. Packaging must be disposed at an authorised collector and disposer of hazardous waste.
	Caution! Pressurized container: can explode if heated. Pressurized container: do not pierce or burn, even when empty.

National regulations regarding waste:

- Decree on waste
- Decree on the management of packaging and packaging waste

14. TRANSPORT INFORMATION

14.1 UN number:	UN1950
14.2 UN proper shipping name:	AEROSOLI, VNETLJIVI AEROSOLS, FLAMMABLE
14.3 Transport hazard classification:	2.1
14.4 Packaging group:	-
14.5 Environmental hazard:	Sea pollutant: No.

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14.6 Special precautions for user: -

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Regulation 1907/2006 (REACH), Directive 67/548/EEC and 1999/45/EC

Does not contain any SVHC substances.

Regulations in Slovenia

- *Chemicals Act*
- *Rules on the classification, packaging and labelling of dangerous substances*
- *Rules on the classification, packaging and labelling of dangerous preparations*
- *Decree on waste*
- *Decree on the management of packaging and packaging waste*
- *Rules on the protection of workers from the risks related to exposure to chemical substances at work*
- *Rules on personal protective equipment used by workers at work*

15.2 Chemical safety assessment

Chemical safety assessment has not been made.

16. OTHER INFORMATION**16.1 Source of the Safety Data Sheet:** Composition of the product, manufacturer's safety data sheet DASHBOARD POLISH (04/06/2013) and product form: aerosol**16.2 List of relevant hazard statements, safety phrases and / or precautionary statements**

H220 Extremely flammable gas.
 H222 Extremely flammable aerosol.
 H225 Highly flammable liquid and vapour.
 H280 Contains gas under pressure; may explode if heated.
 H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.

16.3 Date of previous issue: -**16.4 Abbreviations:**

TWA (time-weighted average): daily exposure limit value (8 h)
 STEL (short-term exposure limits): limit value for short-term exposure
 REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals
 MV: occupational exposure limit value 8 h

The above information is based on our present knowledge and experience and relates to the product in the state in which it has been delivered. The information is to describe our product regarding safety requirements. Entries do not constitute a guarantee of the product properties in the legal sense. It is the consumer's responsibility to know and take into account the legal provisions relating to the transport and use of the product.

End of the Safety Data Sheet