

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of update: 25.06.2019

Version: 2.0/EN

PROFESSIONAL MA SILICONE LUBE

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

1.1 Product identifier

PROFESSIONAL MA SILICONE LUBE

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: product for protection and lubrication.

Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Distributor: **AMTRA Sp. z o.o.**

Address: ul. Schonów 3, 41-200 Sosnowiec, Poland

Telephone/Fax number: +48 32 2944100

E-mail address for a competent person responsible for SDS: amtra@amtra.pl

1.4 Emergency telephone number

+48 32 294 41 00 (8AM – 4PM), 112 (general emergency telephone)

Section 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Human health hazards:

Product is not classified as hazardous

2.1.2 Environmental effects:

Product is not classified as hazardous for the environment.

2.1.3 Physicochemical adverse effects:

Aerosol 1 H222, H229

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

2.2 Label elements

Hazard pictograms and signal words



DANGER

Names of hazardous components placed on the label

Not applicable.

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

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/ 122°F.

2.3 Other hazards

There is no information whether the mixture components meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. Tests were not conducted.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of update: 25.06.2019

Version: 2.0/EN

PROFESSIONAL MA SILICONE LUBE

3.2 Mixtures

Chemical name	Concentration range	CAS number	EC number	Classification acc. to 1272/2008/EC
Petroleum gas not subject to registration	60%-65%	68476-86-8	270-705-8	Flam. Gas.1, H220 Press. Gas, H280

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Inhalation: remove casualty to fresh air, place the victim in a comfortable, reclining or sitting position, keep in calm, protect against heat loss. If breathing disorders occur, perform artificial respiration. If symptoms persist, call a physician.

Skin and eye contact: rinse immediately with a large amount of water. If irritation occurs, contact a physician.

Ingestion: do not induce vomiting. If the victim is conscious, give a large amount of water to drink. Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Product may cause eye, skin and respiratory system irritation. Ingestion may cause nausea or diarrhea.

4.3 Indication of any immediate medical attention and special treatment needed

Seek medical advice if any disturbing symptoms occur. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: foam, carbon dioxide or extinguishing powders. Cool containers exposed to fire with a dispersed stream of water.

Unsuitable extinguishing media: water jet.

5.2 Special hazards arising from the substance or mixture

Silica, formaldehyde vapours. Products of incomplete combustion may contain carbon oxides, and traces of incompletely burnt carbon compounds.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Remove the endangered containers if it is possible and safe or cool them with water spray from a safe distance. Isolate the area by removing all people from the vicinity of the accident if there is a fire. You should not take any action that would pose a risk to anyone unless you are properly trained.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. In industrial conditions (during manufacture) wear protective clothing and gloves. Do not breathe vapours. Prevent from entering drains. Avoid direct contact with the mixture. Do not eat, drink and smoke during the work. Inform everyone in the surroundings about the breakdown. Evacuate the non-emergency personnel from the breakdown area until suitable cleaning operations are completed. Inform appropriate services if necessary.

Vapours of one of the components may spread along the floor to remote ignition sources. Disperse the vapours with water-spray.

6.2 Environmental precautions

Prevent the product from spreading into drinking water, soil, drainage system. Eliminate the leakage if possible (close the liquid flow, seal the container and place it in a protective packaging). Notify relevant emergency services if necessary.

6.3 Methods and material for containment and cleaning up

Wipe a small leakage with a paper towel. Alternatively, absorb with an inert, dry material and place it in an appropriate waste disposal container. Large spillage: isolate places where liquid accumulates and clean it – cover it up with, e.g.: sand, soil and collect it to a closed, well labeled container. Clean the contaminated area with large amount of water. Dispose of the material in a licensed waste disposal facility. Contaminated absorbing material may pose the same risk as the spilled product.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of update: 25.06.2019

Version: 2.0/EN

PROFESSIONAL MA SILICONE LUBE

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protective equipment – section 8. Handling and storage – section 7.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid eye contamination. Do not breathe vapours. Before break and after work wash hands carefully. Keep the unused containers tightly closed. Ensure adequate ventilation of the area where product is used. Use in accordance with identified purpose placed on the unit packaging.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry and well-ventilated premises in original containers. Eliminate the sources of heat and ignition. Protect from direct exposure to sunlight. Keep in temperature 10-50°C. Store only with materials of the same class. Keep away from strong oxidizing agents.

7.3 Specific end use(s)

Not applicable.

Section 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain any components which are subject to exposure control in the workplace at the Community level.

Please check any national occupational exposure limit values in your country.

8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink and smoke during the work. Avoid eye contamination. Ensure adequate ventilation. Provide an eye wash station near the work area. Remove contaminated clothing immediately.

Hand and body protection

In industrial conditions use protective clothing from natural materials (cotton) or synthetic fibers, and protective impermeable gloves, resistant to the product, made eg. of neoprene or nitrile rubber (thickness 0,5 mm).

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

Eye/face protection

Use protective glasses or goggles.

Respiratory protection

In industrial conditions (production, packaging), in case of insufficient ventilation wear respiratory protection with filter marked with brown colour and letter "A".

Applied personal protective equipment must comply with the requirements of the Regulation (EU) 2016/425. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter directly into drains/ surface waters.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid in aerosol
colour:	colourless
odour:	odourless
odour threshold:	not determined
pH:	not applicable
melting point/freezing point:	no data
initial boiling point and boiling range:	no data
flash point:	no data
evaporation rate:	no data
flammability (solid, gas):	no data
upper/lower flammability or explosive limits:	no data

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of update: 25.06.2019

Version: 2.0/EN

PROFESSIONAL MA SILICONE LUBE

vapour pressure:	2,0-4,5 bar
vapour density:	no data
relative density:	0,96 g/ml
solubility(ies):	very good in organic solvents
partition coefficient: n-octanol/water:	no data
auto-ignition temperature:	not applicable
decomposition temperature:	no data
explosive properties:	not applicable
oxidising properties:	no data
viscosity:	no data

9.2 Other information

No additional test results.

Section 10: Stability and reactivity

10.1 Reactivity

Not tested.

10.2 Chemical stability

The product is stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions

No data.

10.4 Conditions to avoid

High temperature, ignition sources.

10.5 Incompatible materials

Oxidizing agents.

10.6 Hazardous decomposition products

Silica, formaldehyde vapours, carbon oxides, and traces of incompletely burnt carbon compounds.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

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

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

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.

Routes of exposure

Skin contact: high concentrations may cause mild irritation.

Eye contact: high concentrations may cause irritation, redness, tearing.

Ingestion: may cause stomach disorders (nausea, vomiting, abdominal pain), may cause similar symptoms as poisoning through inhalation.

Inhalation: high concentration of vapours may cause irritation of mucous membranes of the respiratory tract (scratching in the throat, cough), headache and dizziness, nausea, CNS disorders.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of update: 25.06.2019

Version: 2.0/EN

PROFESSIONAL MA SILICONE LUBE

Section 12: Ecological information

- 12.1 Toxicity**
Product is not classified as hazardous for the environment.
- 12.2 Persistence and degradability**
Components are not soluble in water.
- 12.3 Bioaccumulative potential**
Mixture has no bioaccumulative potential.
- 12.4 Mobility in soil**
No data.
- 12.5 Results of PBT and vPvB assessment**
Components of the mixture do not meet the criteria of PBT or vPvB.
- 12.6 Other adverse effects**
No data.

Section 13: Disposal considerations

- 13.1 Waste treatment methods**
Disposal methods for the product: dispose in accordance with the local legislation. Do not dispose of with municipal waste, do not empty into drains. Prevent from contamination of ground and surface waters. Recommended waste code: 16 03 06 (organic wastes other than those mentioned in 16 03 05, 16 03 80).
Disposal methods for used packaging: reuse/recycle/eliminate empty containers in accordance with the local legislation. Used packaging (after emptying) should be treated as municipal waste. Recommended waste code: 15 01 04 (metallic packaging).
Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.
Please check also national legislation.

Section 14: Transport information

- 14.1 UN number**
UN 1950
- 14.2 UN proper shipping name**
AEROSOLS, flammable
- 14.3 Transport hazard class(es)**
2
- 14.4 Packing group**
Not applicable.
- 14.5 Environmental hazards**
Mixture is not hazardous for the environment.
- 14.6 Special precautions for user**
Not required.
- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**
Not applicable.

Additional information:

Limited quantities: 1l

During the carriage of 8 tons gross or more, marking with the sign on the right of 250x250 mm and tunnel restriction code E are required.



SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of update: 25.06.2019

Version: 2.0/EN

PROFESSIONAL MA SILICONE LUBE

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 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a 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 16 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.

Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents as amended.

15.2 Chemical safety assessment

Manufacturer has not carried out a Chemical Safety Assessment for the product.

Section 16: Other information

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features.

Employer is obliged to inform all of his workers who have a contact with this product about threats and personal protective measures mentioned in this SDS.

Present Safety Data Sheet was prepared on the basis of components SDS provided by their manufacturers, conducted tests and legislation in force on dangerous substances and mixtures.

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Full text of indicated H phrases mentioned in section 3

H220 – Extremely flammable gas.

H280 – Contains gas under pressure; may explode if heated.

Clarification of aberrations and acronyms

Press. Gas. – Gases under pressure

Flam. Gas. 1 – Flammable gas category 1

Classification and methods used to classify mixtures according to Regulation (EC) 1272/2008 (CLP)

Aerosol 1, H222, H229- classification in accordance with the calculation method