

**SECTION 1: IDENTIFICATIONS OF THE SUBSTANCE/MIXTURE AND OF THE  
COMPANY/UNDERTAKING**

- 1.1. Product identifier** **Silicon Grease Pro Tech Guns**
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:**  
**Identified uses:** maintenance of ASG replicas gun, protection of rubber parts  
**Uses advised against:** Not recommended to use other than indicated above
- 1.3. Details of the MSDS provider:**  
**Manufacturer** Target Michał Szymankiewicz  
ul. Radzyńska 68/72/24  
03-752 Warsaw, Poland  
Ph. +48 609784826  
E-mail of the person responsible for the safety data sheet: biuro@chemikos.pl
- 1.4. Emergency phone number ( in Poland only ) : 112 ( general emergency phone ), 998 ( fire brigade ), 999 ( ambulance service ) ; in the other country - local/national emergency phone**

**SECTION 2: HAZARD IDENTIFICATION****2.1. Classification of the substance or mixture**

**The product is not classified as dangerous**

**Physical/chemical hazards:**

None if was use like indicated above

**Human health hazards**

None if was use like indicated above

**Environmental hazards**

The product is not classified as hazardous.

**2.2. Marking elements:**

**Package marking contains:** - ( none )

**Signal words:** - ( none )

**H Relevant risk phrases:**

None

**P Precautionary statements:**

None

EUH210 - Safety data sheet available on request.

**2.3. Other hazards:**

None.

The product does not contain substances with properties of PBT or PvB above 0.1%.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1. Substances:**

Not applicable.

**3.2. Mixtures:**

> 90,0% Polydimethylsiloxane

Index No.: - CAS No:63148-62-9 WE No: 613-156-5  
Not classified as hazardous

< 25,0% Silicon dioxide

Index No.: - CAS No:112945-52-5 WE No: 601-216-3  
Not classified as hazardous

The hazard statements as well as the H phrases referred to in section 3 of this MSDS and their full wording is provided in section 16 hereof. The H phrases refer to the mixture components.

**SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures****Respiratory exposure:**

In case of dizziness or nausea, remove casualty to fresh air, in the absence of rapid improvement, seek medical advice.

**If on skin:**

After contact with skin, wash immediately with plenty of water, in the absence of rapid improvement, seek medical advice.

**If in the eyes:**

Flush with plenty of water for 15 minutes, seek medical attention, remove contact lenses, an ophthalmologist should be consulted.

Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

Call to a doctor.

**4.2. The most important acute and delayed symptoms and effects of exposure:**

In case of direct contact with eyes, irritation, tearing and itching may occur. Contamination of the skin with a large amount of the product may cause redness and itching. Swallowing large amounts may cause vomiting and diarrhea.

**4.3. Indications for any immediate medical attention and special proceeding with the victim:**

No special medical recommendations.

**SECTION 5: FIRE FIGHTING MEASURES****5.1. Extinguishing media****Suitable extinguishing media:**

a non-flammable mixture

**Unsuitable extinguishing agents:**

Do not use jets of water.

**5.2. Special hazards arising from the substance or mixture:**

Carbon oxides (CO, CO<sub>2</sub>) or other toxic vapours can occur as a result of combustion. Do not inhale the vapours, protect the respiratory system.

**5.3. Information for fire-fighters:**

Put on gas-tight protective clothing and breathing apparatus (breathing apparatus complete with mask). Remove all bystanders not participating in action from the danger zone.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures:**

Remove all bystanders not participating in action from the danger zone.

Eliminate any ignition sources.

Do not inhale the vapours, protect the respiratory system.

**6.2. Environmental precautions:**

Do not allow product to reach sewage system or any water course. Notify the State Fire Brigade, and where necessary, the State Police, the closest local authorities and the nearest Chemical Rescue Unit.

**6.3. Methods and material for containment and cleaning up:**

Secure the damaged packaging. Don't smoke. Eliminate the sources of fire. Keep away from sources of heat, hot surfaces, sparks, open flame or other ignition sources. Secure damaged containers.

**6.4. References to other sections:**

Waste management – see section 13 hereof

Personal Protection Equipment – see section 8 hereof

**SECTION 7: HANDLING AND STORAGE****7.1. Precautions for safe handling:**

Use in a well ventilated areas. Avoid sources of ignition, heat, hot surfaces and open flames. Avoid inhaling product vapors. Observe health and safety rules: do not eat, drink and smoke in the workplace, wash hands after use.

**7.2. Conditions for safe storage, including any incompatibility:**

Store in a well-ventilated and cool place. Keep away from children. Professional use: store in well-ventilated area according to the current regulations for safety and fire protection - fire proof magazine, without heating, explosion-proof electrical and ventilation systems, with electrical conductive flooring; metal devices and store equipment, containers, packaging, etc., which can accumulate electrostatic charges should be grounded. Always store in original containers. Do not use contaminated, empty packaging for other purposes. Keep away from food, drink and animal feeding stuffs. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**7.3 Specific end uses:**

Look at part 1.2 of MSDS

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters:**

Regulation of the Minister of Labour and Social Policy of June 7, 2017 on the maximum acceptable concentrations and intensities of the factors hazardous for environmental at the workplace. (Journal of Laws item 1348)

The product does not contain ingredients with the maximum acceptable concentrations and intensities of the factors hazardous for environmental at the workplace.

Determination in workplace air:

PN-Z-04008-7:2002 Protection of air cleanliness. Sampling. Principles of air sampling in work environment and interpretation of results

PN-EN-689:2002 Workplace atmospheres. Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.

PN-EN-482:2002 Workplace atmospheres. General requirements for procedures for measuring chemical factors.

**8.2. Exposure controls**Suitable technical control measures

Use in well ventilated areas, effective local and general ventilation of the area is required to reduce exposure of the users

Individual measures, such as personal protective equipment:Eye or face protection:

Avoid contact with eyes; wear protective goggles while handling the product when the risk of exposure

occurs

#### Skin protection

##### *Hand protection*

void contact with skin. While in professional use, assuming repeated or prolonged exposure, use hand protection adequate to the work conditions. To this end, use protective gloves resistant to chemicals made from Viton, neoprene, nitrile rubber or PVA (thickness  $\geq 0.4$  mm breakthrough time  $> 480$  min.)

#### Respiratory protection

Normal respiratory protection is not required if the procedure is right.

#### Thermal hazards:

Not applicable.

#### Environmental exposure controls

Do not allow product to reach sewage system or any water course.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

a) Appearance:	white liquid with petrolatum consistency
b) Odour:	no data
c) Odour threshold:	no data
d) pH:	no data
e) Melting point and boiling point:	$>315^{\circ}\text{C}$ ( oil )
f) Flash point:	$>300^{\circ}\text{C}$ ( oil ) DIN 51376
g) Evaporation rate:	no data
h) Flammability (solid, gas):	not applicable
i) Lower /higher explosion limit:	not applicable
j) Vapor pressure:	no data
k) Relative vapor density	no data
l) Density:	1,02 – 1,04 ( water = 1 )
m) Solubility in water:	insoluble
n) Partition coefficient n-octanol/water:	no data
o) Auto-ignition point:	$> 400^{\circ}\text{C}$ ( oil ) DIN 51794
p) Decomposition temperature:	no data
r). Explosive properties:	not applicable
t) Oxidising properties:	no data

### 9.2. Other information

No data.

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

no reactivity under appropriate conditions of storage and use.

**10.2. Chemical stability**

Stable under appropriate conditions of storage and use.

**10.3. Possibility of hazardous reactions:**

Not expected.

**10.4. Conditions to avoid**

Not expected.

**10.5. Incompatible materials:**

Not expected.

**10.6. Hazardous decomposition products:**

Look at 5.2 part of MSDS.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

## a) acute toxicity:

Based on available data the classification criteria are not met.

Silicon dioxide ( CAS 112945-52-5 )

LD<sub>50</sub> (orally, rat ) > 5000 mg/kg

LC<sub>50</sub> (inhalation, rat ) > 0,139 mg/dm<sup>3</sup>/4h

LC<sub>50</sub> (skin, rabbit)> 5000 mg/kg

## b) corrosive/irritant effect on skin:

based on available data the classification criteria are not met.

## c) corrosive effect on eyes:

based on available data the classification criteria are not met.

## d) sensitising effect on respiratory tract or skin:

based on available data the classification criteria are not met.

## e) mutagenicity:

based on available data the classification criteria are not met.

## f) carcinogenicity:

based on available data the classification criteria are not met.

## g) reproductive toxicity:

based on available data the classification criteria are not met.

## h) singled dose toxicity:

based on available data the classification criteria are not met.

## i) repeated dose toxicity:

based on available data the classification criteria are not met.

**SECTION 12: ECOLOGICAL INFORMATION****Environmental hazards:**

The mixture is not classified as hazardous. Do not allow the product to enter and spread in soil, sewerage, groundwater and watercourses.

**12.1. Toxicity:**

Based on available data the classification criteria are not met

Silicon dioxide ( CAS 112945-52-5 )

EC<sub>50</sub>: > 10000mg/l - Toxicity to Daphnia: specie Daphnia Magna, 24h

LC<sub>50</sub>: > 10000mg/l - Toxicity to fish Brachydanio rerio, 96h

**12.2. Persistence and degradability:**

No data for mixture. Silicon dioxide is not biodegradable.

**12.3. Bioaccumulation potential:**

No data for mixture.

**12.4. Mobility in soil:**

No data for mixture.

**12.5. Results of PBT and vPvB assessment:**

The mixture not has classification criteria PBT i vPvB.

**12.6. Other harmful effects:**

A thin film forms on the surface of the water.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1. Methods of disposing waste**

The waste and disposable packaging should be disposed of by specialised contractors, and the disposal method should be consulted with the local environmental protection department. Store the residue in original containers. Dispose of according to the applicable regulations.

Empty containers should be disposed of in accordance with applicable regulations or provided to a suitable landfill. Regulation of the Minister of the Environment of 14 December 2012 on waste catalogue (Journal of Laws no.1987).

**SECTION 14: TRANSPORT INFORMATION**

- 14.1. UN number (ONZ number)** not applicable
- 14.2. Proper UN transport name**  
ADR/RID: not applicable  
IMDG: not applicable  
IATA: not applicable
- 14.3. Transport hazard class(es):**  
ADR/RID: not applicable  
IMDG/IATA: not applicable  
transport labels: not applicable
- 14.4. Packaging group:** not applicable
- 14.5. Environmental hazards** no
- 14.6. Special precautions for user** No data.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**  
Not applicable

**SECTION 15: REGULATORY INFORMATION**

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**
1. Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation 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 ( OJ L 396, 30.12.2006 p.1 )
  2. Commission Regulation (EU) No 830/2015 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)
  3. Act of 25 February 2011 on chemical substances and mixtures (Journal of Laws , 2015, item 1203 as amended )
  4. 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 ( OJ L 35, 31.12.2008 p.1 )

5. The act of 14 December 2012, on waste (Journal of Laws 2016, item 1987 as amended )
6. Regulation of the Minister of the Environment of 27 September 2001 on waste catalogue (Journal of Laws 2017, item 519 as amended )
7. Statement of the Minister of the Family, Labour and Social Policy of 7 June 2017 - unified text of the Regulation of the Minister of Labour and Social Policy on the maximum acceptable concentrations and intensities of the factors hazardous for health at the workplace (Journal of Laws 2017, item 1348).
8. Regulation of the Minister of Health of 2 February 2011 ( Journal of Laws, 2011, no 33, item 166 as amended )

### 15.2 Chemical safety assessment:

No chemical safety assessment for the substances contained in the mixture and for the mixture alone.

## SECTION 16: OTHER INFORMATION

All the information is based on our current knowledge. This MSDS has been developed based on the data sheet and information received from the manufacturer. The consumers must take into account existing laws and other regulations.

Material Safety Data Sheet is accordanced with Regulation (EC ) no 830/2015 of 28 My 2015 as amended

Product classification: based on product form. Not recommended to use other than indicated above.

Prior to starting work with the product, the employees concerned must undergo mandatory health and safety training, due to the presence of chemical factors in the workplace. Perform, document and familiarise staff with the results of risk assessment in the workplace associated with the presence of chemical agents.

### Description of abbreviations, acronyms and symbols used:

- No CAS - Chemical Abstracts Service  
No WE - a unique seven-digit identifier that was assigned to substances for gerulatory purposes within the European Union by the European Commission:  
EINECS: European Inventory of Existing Commercial Chemical Substances;  
ELINCS: European List of Notified Chemical Substances;  
NLP: No Longer Polymers
- No UN - number of identify hazardous materials  
EC<sub>50</sub> - 50% of maximal Effective Concentration  
LC<sub>50</sub> - lethal concentration to 50 % of a test population  
LD<sub>50</sub> - lethal dose to 50% of a test population (Median Lethal Dose)  
vPvB - very persistent and very bioaccumulative  
PBT - persistent, bioaccumulative and toxic