



Safety Data Sheet according to COMMISSION REGULATION (EU) 2015/830 (REACH)

SWISSINNO Silicon for pigeon spikes

Validity	EU, CH, NO
First versión date	02.01.2013
Last revisión	01.01.2023
Version	V23 EN

01 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier SWISSINNO Silicon for pigeon spikes

Item number: 1587000, 1740000

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

Relevant identified uses Fixing of pigeon spikes in outdoor areas

1.3 Details of the supplier of the safety data sheet

SWISSINNO SOLUTIONS AG
Rosenbergstrasse 36
9000 St. Gallen
Switzerland
Telephone +41 71 223 40 16
Fax +41 71 223 40 24
E-mail quality@swissinno.com
1.4 Emergency telephone number +44 (0)20 8762 8322 (UK)

02 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture The classification corresponds to the actual EG lists, and has been supplemented by informations from specific literature and by company informations.
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

2.2 Label elements The substance or mixture is not hazardous according to Regulation (EC) No corresponding to regulation (EC 1272/2008) (CPL): 1272/2008 CLP).

Signal Word -

Hazard statements -

Precautionary statements P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P262 Do not get in eyes, on skin, or on clothing.
P271 Use only outdoors or in a well-ventilated area.

2.3 Other hazards Methyl ethyl ketone is formed during curing.



03 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Dangerous Ingredients

Description	CAS-No.	EG-No.	Classification	Concentration
Distillate (petroleum), treated with hydrogen	64742-46-7	265-148-2	H304	1-5%
Butan-2-on-O,O',O"- (methylsilylidyn)trioxim	22984-54-9	245-366-4	H315, H317, H319	0.1-1%
N-(3-(Trimethoxysilyl)propyl)ethylenediamin	1760-24-3	217-164-6	H317, H319, H332, H412	0.1-1%
Vinyloximosilan	2224-33-1	218-747-8	H315, H317, H319	0.1-1%
Butanonoxim	96-29-7	202-496-6	H317, H318, H351, H312	0.1-1%

04 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Remove to fresh air. Seek medical help if irritation develops.
Skin contact	Rinse immediately and abundantly with water and soap. Seek medical advise if irritation develops.
Eye contact	Rinse immediately and abundantly with water for a few minutes. Consult a doctor.
Ingestion	Rinse mouth, drink 1-2 glasses of water, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed no special measures required

05 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media Carbon Dioxide (CO₂), Foam, Dry powder, sprayed water, water mist.

Unsuitable extinguishing media Straight water jet.

5.2 Special exposure hazards arising from the substance or mixture Carbon monoxide (CO) and carbon dioxide (CO₂) can be released in case of fire.

5.3 Advice for firefighters Before taking any action, wear protective clothing. Wear a self-sufficient respiratory apparatus (enclosed premises).



06 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Before taking any action, wear appropriate protective equipment (see 8) Avoid skin and eye contact, have sufficient ventilation.
- 6.2 Environmental precautions** Do not let reach canalisation, drains, groundwater.
- 6.3 Methods and material for containment and cleaning up** Take up mechanically. Clean contaminated surfaces thoroughly. Contaminated materials have to be treated as given in section 13.
- 6.4 Reference to other sections** Observe the notes in section 8

07 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Have good ventilation at working place. Avoid skin and eye contact and respiration of vapours. See point 6.1
- 7.2 Conditions for safe storage, including any incompatibilities** Store tightly in a closed container in a dry and frost free area (0 °C - + 30 °C).
- 7.3 Specific end use(s)** Fixing of pigeon spikes in outdoor areas.

08 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters** None
- 8.2 Exposure controls**
- Appropriate engineering controls** None
- General protection and hygiene measures** None
- Respiratory protection** In case of insufficient ventilation, wear mask with combined filter for organic vapours and particles.
- Hand protection** Protective gloves (solvent proof)
- Eye / face protection** Protective goggles
- Skin protection** Protective work clothing
- Environmental exposure controls** Do not let reach canalisation, drains, groundwater.



09 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Plastic cartridge with transparent paste
Odour	characteristic
Odour threshold	paste
pH	not applicable
Melting point/freezing point	not applicable
Initial boiling point and boiling range	not applicable
Flash point	93 °C (PMCC)
Evaporation rate	not applicable
Flammability (solid, gas)	When submit to heat can produce flammable vapours.
Vapour pressure	not applicable
Vapour density	not applicable
Relative density	ca. 1,04 g/ml
Solubility	not water soluble
Partition coefficient: n-octanol/water	unknown
Auto-ignition temperature	no data available
Decomposition temperature	not soluble
Viscosity	no data available
Explosive properties	None
Oxidising properties	no data available

9.2 Other information

-

10 STABILITY AND REACTIVITY

10.1 Reactivity Reaction with acids: heat and carbon dioxide evolution.

10.2 Chemical stability Stable under normal temperature conditions.

10.3 Possibility of hazardous reactions none

10.4 Conditions to avoid None known when used as intended.

10.5 Incompatible materials See 10.1

10.6 Hazardous decomposition products Methyl ethyl ketone is formed during curing.

11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) Nr. 1272/2008

11.1.0 Acute toxicity Skin contact may cause irritation. Ingestion followed by vomiting and aspiration into lungs may cause suffocation or toxic lung damage.
- Acute oral toxicity: LD50 2326 mg / kg rat
- Acute dermal toxicity: LD50 1000 mg / kg Rabbit & ATE 1'100mg / kg Experts rate

11.1.1 skin corrosion/irritation Primary skin irritation: slightly irritating, does not require labeling

11.1.2 serious eye damage/irritation sensitisation effects by eye contact.
- N-(3-(Trimethoxysilyl)propyl)ethylenediamine, 1760-24-3, Risk of serious eye damage, rabbits, OECD Guideline 405 (Acute Eye Irritation / Corrosion)
- butanone oxime, 96-29-7, Category 1 (irreversible effects on the eye), rabbits, OECD Guideline 405 (Acute Eye Irritation / Corrosion)

11.1.3 respiratory or skin sensitization sensitisation effects by eye contact.
- N-(3-(Trimethoxysilyl)propyl)ethylenediamine, 1760-24-3, Risk of serious eye damage, rabbits, OECD Guideline 405 (Acute Eye Irritation / Corrosion)
- butanone oxime, 96-29-7, Category 1 (irreversible effects on the eye), rabbits, OECD Guideline 405 (Acute Eye Irritation / Corrosion)

11.1.4 germ cell mutagenicity Sensitation effects by skin contact.

11.1.5 carcinogenicity Sensitation effects by skin contact.

11.1.6 reproductive toxicity Sensitation effects by skin contact.

11.1.9 aspiration hazard Sensitation effects by skin contact.

11.2 Indication of other hazards Endocrine disrupting properties: none



12 ECOLOGICAL INFORMATION

Ecological information on ingredients

Ecotoxicity water pollutant class 1

12.1 Toxicity

-

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Results of PBT and vPvB assessment no data available

12.6 Endocrine disrupting properties None

12.7 Other adverse effects none

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Empty cartridges can be disposed in household garbage dump. Unused product hand over to special disposal dump.

14 TRANSPORT INFORMATION

Maritime transport in bulk according to IMO instruments not applicable

Transport by road. ADR/RID (2008/68/EC) not applicable

Transport by rail. RID (2008/68/EC) not applicable

Transport by sea. IMDG not applicable

14.1 UN-number none

14.2 UN proper shipping name not applicable

14.3 Transport hazard class No hazardous good

14.4 Packing group not applicable

14.5 Environmental hazards not applicable

14.6 Special precautions for user not applicable

14.7 Maritime transport in bulk according to IMO instruments not applicable



15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation:
REACH-Regulation (EG) No. 1907/2006, changed by Regulation (EU) 2015/815
CLP-Regulation (EG) No. 1272/2008, changed by Regulation (EU) 2015/491.

15.2 Chemical safety assessment A substance safety assessment was not carried out.

16 OTHER INFORMATION

R phrases in full These R-phrases are mentioned in section 3 for the ingredients:

Training advice not necessary

Recommended restrictions on use None

Further information The information provided by this Safety Data Sheet should enable the user to take the necessary measures relating to protection of human health, safety and protection of the environment. Information provided by this Safety Data Sheet are considered to be accurate at the time of its compilation. Information provided should enable the user to handle, store and dispose properly the preparation in the form in which it is placed on the market. Supplier is not responsible for any damage or injury resulting from failure to follow appropriate use or practices.

All information, which has been added, deleted or revised is indicated by * on the right side of the page