



MATERIAL SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) and 453/2010]

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

1.1 Product identifier

SILSTAR

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

Relevant identified uses: silicone facade paint with smooth texture for outdoor and indoor use.

Uses advised against: not determinate.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 - 54

E-mail address for a competent person responsible for msds: biuro@theta-doradztwo.pl

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Human health hazards

Not classified as dangerous for human health.

Environmental effects

Not classified as dangerous for environment.

Physicochemical adverse effects

None.

2.2 Label elements

Hazard symbols

None.

Substance name for labeling

None.

Risk phrases

None.

Safety phrases

None.

2.3 Other hazards

No information whether the substance or mixture meets criteria for PBT or vPvB in accordance with Annex XIII of Regulation REACH. Suitable researches were not conducted.



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Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Product don't include substance, which are classified as dangerous.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: wash out skin with plenty of water with soap. Consult a doctor if disturbing symptoms appear. Do not use solvents.

Eye contact: wash out with plenty of water with the eyelid hold wide open, for 10-15 min. Remove any contact lenses. Avoid powerful water stream – risk of cornea damage. Obtain medical attention if necessary.

Ingestion: rinse mouth with water. Never give anything to drink to unconscious people. Consult a doctor – show the container or label.

Inhalation: remove to fresh air, keep warm and calm. Consult a doctor, if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: can cause slightly irritation.

Eye contact: redness, tearing, slightly irritation.

Ingestion: stomach pain, nausea, vomiting.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: foam, dry extinguishing, carbon dioxide.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

May produce toxic fumes of carbon oxides if burning. Do not inhale combustion products.

5.3 Advice for firefighters

Personal protection typical in case of fire. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Do not flush into surface water or ground water.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. Avoid contact with eyes. Ensure adequate ventilation. Wear adequate personal protective equipment.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Soak up with liquid-binding material (e.g. sand, sawdust, universal binding agent, diatomaceous earth). Disposal in accordance with the local legislation. Clean the contamination place.



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6.4 Reference to other sections

Appropriate conduct with waste product – section 13.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Avoid eyes contamination. Before break and after work wash carefully hands. Keep not used containers tightly closed. Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Keep original, tightly closed containers in cool, dry and well-ventilated place in temperature: 4-30°C. Keep away from food, beverages or feed for animals. Avoid direct expose to sunlight. Protect against frost and heat.

7.3 Specific end use(s)

Silicate facade paint with smooth texture for outdoor and indoor use.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product doesn't contain any components with occupational exposure limit values at working place in Community.

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. When handlings do not eat, drink or smoke. Before break and after work carefully wash hands.



Hand and body protection

Wear the protective gloves.

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 goggles in case of danger of eyes contamination.

Respiratory protection

Not required.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

Environmental exposure controls

Do not allow the large quantity of mixture to contaminate surface water/ground water.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	semi-solid
colour:	characteristic
odour:	characteristic
odour threshold:	not determinated
pH:	not determinated



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melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
relative density:	not determined
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determine
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product reacts with strong oxidizing agents.

10.2 Chemical stability

The product is stable under normal conditions.

10.3 Possibility of hazardous reactions

Not known.

10.4 Conditions to avoid

Avoid frost and heat sources.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Skin contact: can cause slightly irritation.

Eye contact: redness, tearing, burning sensation, slightly irritation.

Ingestion: stomach pain, nausea, vomiting.

Section 12: Ecological information

12.1 Toxicity

Product is not dangerous for environment.

12.2 Persistence and degradability

Not known.



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12.3 Bioaccumulative potential

Not known.

12.4 Mobility in soil

Not known.

12.5 Results of PBT and vPvB assessment

Not applicable.

12.6 Other adverse effects

This product has no influence on the global warming or the ozone layer depletion.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. The product, when mixed with water hardens, then it can be treated as construction debris. Waste code should be given in production place.

Disposal methods for used packing: reuse/recycling/liquidation of empty containers dispose in accordance with the local legislation. Only containers completely emptied can be reused.

Legal basis: Directive 2008/98/EC, Council Directive 91/689/EEC.

Section 14: Transport information

14.1 UN number

Product is not classified as dangerous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

None.

14.6 Special precautions for user

Use personal protective equipment.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

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.

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 (Text with EEA relevance).



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Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

Commission Regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (Text with EEA relevance).

Commission Regulation (EU) No 453/2010 of 20 May 2010 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).

15.2 Chemical safety assessment

There is no data concerning chemical safety assessment performed for substances contained in the mixture.

Section 16: Other information

Other data

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Composed by: Anna Królak (on the basis of producer's data).
Safety Data Sheet made by: „THETA” Doradztwo Techniczne

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. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.