



SILICONI COMMERCIALE SPA

Via Francia 4 Z.I. - 36053 GAMBELLARA (VI) ITALY
Tel +39 0444 649766 Fax +39 0444 440018 www.siliconi.it

Safety Data Sheet ESASIL® 303P

Safety Data Sheet dated 30/6/2015, version 3.7.1

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

1.1. Product identifier

Mixture identification:
Trade name: ESASIL® 300P
Trade code: 42550/50

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

Powder water repellent for building, ready-mixed products, plasters, concrete

1.3. Details of the supplier of the safety data sheet

Company:
SILICONI COMMERCIALE SPA - Via Francia 4 Z.I. 36053 Gambellara (VI) ITALY tel n. +39 0444 649766
SILICONI COMMERCIALE SPA - ph n. +39 0444 649766

Competent person responsible for the safety data sheet:
lab@siliconi.it

1.4. Emergency telephone number

SILICONI COMMERCIALE SPA - ph n. +39 0444 649766

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).
Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

Chemical Description: Silane/siloxane in powder. Avoid formation of dust.

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of CLP regulation and related classification:

None

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap for at least 15 minutes and wash contaminated clothing before re-use.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

4.3. Indication of any immediate medical attention and special treatment needed



SILICONI COMMERCIALE SPA

Via Francia 4 Z.I. - 36053 GAMBELLARA (VI) ITALY
Tel +39 0444 649766 Fax +39 0444 440018 www.siliconi.it

Safety Data Sheet ESASIL® 303P

Treatment: None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: water, CO₂.

Extinguishing media which must not be used for safety reasons: None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety. See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it. In case of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Absorb, sweep or vacuum up spillage and collect in suitable container for disposal or recovery.

Avoid dispersal of dust in the air. In case of large spills of product, collect mechanically by transferring it in appropriate container: recover if possible. Clean any deposit remained with detergent and water

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid formation of dust and aerosols. In case of formation of aerosols it is necessary to adopt specific measures of protection (aspiration- protection of respiratory tract). Avoid contact with skin and eyes, inhalation of vapours and mists. Do not eat or drink while working. See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from direct sunlight. Keep in fresh and dry place.

Container should be stored tightly closed at temperature from +5 to +35°C. Stock the container in vertical position avoiding any falls or collisions.

Keep away from food, drink and feed.

Incompatible materials: None in particular. See also section number 10

Instructions as regards storage premises: Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Wear goggles with lateral protection EN166 .

Protection for skin:

It is not necessary in case of brief contact except for wearing antistatic clean and covering garments.

In case of long and frequent contact use protective and waterproof garments to this material.

Choosing specific protection as peak, gloves, boots, overalls (Type EN 340-EN13034) depends on the type of operations.

Protection for hands:

During normal manipulation it is not necessary a particular protection.



SILICONI COMMERCIALE SPA

Via Francia 4 Z.I. - 36053 GAMBELLARA (VI) ITALY
Tel +39 0444 649766 Fax +39 0444 440018 www.siliconi.it

Safety Data Sheet

ESASIL® 303P

In case of frequent contacts protect hands with gloves resistant to chemical product (PVC, PE, neoprene, not natural rubber).

Respiratory protection:

The concentration levels should be maintained below the limit of exposure. When the concentration in the air exceeds the TLV it is necessary respiratory protection: Use approved EN149 FFP2 masks, or EN 140 (EN143 Filter Type: A2).

Thermal Hazards: None

Environmental exposure controls:

Avoid formation of mists and aerosols.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance and colour:	White powder
Odour:	odorless
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	N.A.
Initial boiling point and boiling range:	N.A.
Solid/gas flammability:	Not relevant
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	> 100 °C
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	0,4 g/ml (a 25°C)
Solubility in water:	Soluble
Solubility in oil:	Partial
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	Not relevant
Oxidizing properties:	N.A.

9.2. Other information

Miscibility:	Not relevant
Fat Solubility:	Not relevant
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None

10.4. Conditions to avoid

Stable under normal conditions. Do not expose to temperatures exceeding 50 °C. Keep away from oxidant agents.

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

It doesn't decompose under normal conditions. With thermal decomposition or in case of fire, it could form vapours potentially dangerous for health.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information concerning the mixture:

ESASIL® 303P

a) acute toxicity:

Test: LD50 - Via: Oral - Species: Rat > 2000 mg/kg - Source: Calculation method

Test: LD50 - Via: Skin - Species: Rat > 2000 mg/kg - Source: Calculation method



SILICONI COMMERCIALE SPA

Via Francia 4 Z.I. - 36053 GAMBELLARA (VI) ITALY
Tel +39 0444 649766 Fax +39 0444 440018 www.siliconi.it

Safety Data Sheet

ESASIL® 303P

Test: LC50 - Via: Inalation - Species: Rat > 20 mg/l - Duration: 4h - Source: Calculation method

Toxicological information concerning the substances contained in the mixture: N.A.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, avoiding the release of product into the environment.

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

Not bioaccumulative.

12.4. Mobility in soil

Air- it does not contaminate air. Water- N.A. Soil- N.A.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

To our present knowledge it is not to foresee negative effect on depuration plants.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Products residue: Disposal should be in accordance with local, state or national legislation. Recover if possible or eliminate in an authorized centre for waste collection.

Packaging disposal: Drip them well and send in a centre to re-use the containers or eliminate in an authorized place.

SECTION 14: Transport information

14.1. UN number, 14.2. UN proper shipping name, 14.3. Transport hazard class(es), 14.4. Packing group

Not hazardous for transport.

14.5. Environmental hazards

Not hazardous for environment

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

SECTION 15: Regulatory information

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)

Dir. 99/45/EC (Classification, packaging and labelling of dangerous preparations)

Dir. 98/24/EC (Risks related to chemical agents at work)

Dir. 2000/39/EC (Occupational exposure limit values)

Dir. 2006/8/EC

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013, Regulation (EU) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP), Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP), Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: None

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments.



SILICONI COMMERCIALE SPA

Via Francia 4 Z.I. - 36053 GAMBELLARA (VI) ITALY
Tel +39 0444 649766 Fax +39 0444 440018 www.siliconi.it

Safety Data Sheet

ESASIL® 303P

Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II): N.A.

15.2. Chemical safety assessment

No

15.3. Information about status of International registration

The components of this product are listed and/or exempt or notified:

AICS = Australian Inventory of Chemical Substances
DSL = Canadian Domestic Substances List
ECL = Korean Existing Chemical List
ENCS = Japanese Existing and New Chemicals Substances List
IECS = Inventory of Existing Chemicals Substances in China
NZIoC = New Zealand Inventory of Chemicals
PICCS = Philippine Inventory of Chemicals and Chemical Substances
TSCA = USA Toxic Substances Control Act
EC inventories = European Community inventories of chemicals (EINECS/ELINCS/NLP/REACH)

SECTION 16: Other information

Classification of substances according to 1272/2008/CE (CLP-GHS) and further ATP and Regulation 790/2009/CE.
SDS drafted in accordance with 1907/2006/CE REACH and 453/2010/CE.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.