

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:****HASIT PP 201 SILICA LF**

Silicone deep precoat and diluent

1.2 Relevant identified uses of the substance or mixture and uses advised against**Life cycle stages**

C/PW Consumer use / Widespread use by professional workers

Sector of Use

SU19 Building and construction work

Product category

PC9a Coatings and paints, thinners, paint removers

Process category

PROC10 Roller application or brushing

PROC11 Non industrial spraying

PROC19 Manual activities involving hand contact

Environmental release category

ERC10a / ERC11a Widespread use of articles with low release

Article category

AC0 Other

Application of the substance / the preparation

Priming - Product for an industrial, technical and private use for coating building surfaces. For all other uses not recommended.

Thinner, Diluent

1.3 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**HASIT Trockenmörtel GmbH
Landshuter Straße 30
85356 Freising
Germany

Tel. +49 (0)8161 602 0

Fax +49 (0)8161 602-70400

zentrale.verwaltung@hasit.de

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Further information obtainable from:

Product Safety Department (Mon-Thu 8 a.m. - 4 p.m., Fri 8 a.m. - 12 p.m.)

Tel. +43(0)5522 41646 169

klaus.ritter@fixit-gruppe.com

1.4 Emergency telephone number

National poisons information centre: +44/(0)171 - 635 9191

National Health Service: 111

European emergency call: 112

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the GB CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Void

Hazard pictograms

Void

Signal word

Void

Hazard statements

Void

Precautionary statements

Observe the general safety regulations when handling chemicals.

2.3 Other hazards

No further relevant information available.

Results of PBT and vPvB assessment

PBT:

This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

vPvB:

This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Chemical characterization: Substances

This product is a mixture.

3.2 Mixtures

Description:

Mixture of binder dispersion, fillers and nonhazardous additions

| Dangerous components: | | |
|--|--|-------------|
| CAS: 1312-76-1 EINECS: 215-199-1 REACH: 01-2119456888-17 | Silicic acid, potassium salt (M/M > 3,2) ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 40 % Eye Irrit. 2; H319: C ≥ 40 % STOT SE 3; H335: C ≥ 75 % | 5 - 10% |
| Other components (>20%): | | |
| CAS: 7732-18-5 EINECS: 231-791-2 REACH: 1 | Water | 50 - < 100% |

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Additional information:

For the wording of the listed hazard phrases refer to section 16.

¹ Not subject to registration in accordance with EC 1907/2006 Annex V (point 7) or Article 2.

SECTION 4: First aid measures

4.1 Description of first aid measures

First aid

General information:

For first responder no special personal protective equipment is required. First responder should avoid contact with the product.

After inhalation:

Take affected persons into fresh air and keep quiet. Seek medical treatment in case of complaints. In case of irregular breathing or respiratory arrest provide artificial respiration. In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Immediately remove all soiled and contaminated clothing. Wash contaminated clothes before reuse. Clean contaminated shoes before reuse. If skin irritation continues, consult a doctor.

After eye contact:

Do not rub eyes because additional damage to eyes can be caused by mechanical stress. If necessary, remove contact lenses and flush the eye immediately while holding eyelids open to water for at least 20 minutes. If possible, isotonic eyewash solution (e. g. 0,9% NaCl). Always consult an occupational physician or ophthalmologist.

After swallowing:

Do not induce vomiting. If conscious rinse mouth with water and drink plenty of water. Consult a physician or poison control center.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are described in section 2 and 11.

Hazards:

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

If a physician is to be consulted, as per possibility he should be presented this safety data sheet.

SECTION 5: Firefighting measures

5.1 Extinguishing media

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

Suitable extinguishing agents:

The mixture is flammable neither in the delivery condition not in mixed conditions. Extinguisher and fire fighting are therefore adjusted to the surrounding fire.

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5.2 Special hazards arising from the substance or mixture

This product is neither explosive nor flammable, and non-oxidizing with other materials. Particular danger of slipping on leaked/spilled product.

5.3 Advice for firefighters

No special measures required. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

If appropriate, reference must be made to exposure controls and personal protection (see section 8).

6.2 Environmental precautions

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Avoid contact with the eyes and skin. Wear protective clothing. Washing facilities / Water for cleaning eyes and skin should be available. Persons, who tend to skin diseases or other hypersensitivity reactions of the skin, should not handle the product. Do not eat, drink, smoke or sniff while working.

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Requirements to be met by storerooms and receptacles:**

Keep out of reach of children. Store in cool, dry place in tightly closed receptacles.

Information about storage in one common storage facility:

Keep away from foodstuffs, beverages and feed.

Further information about storage conditions:

Protect from frost. Protect from heat and direct sunlight.

Minimum storage life:

Minimum storage life (+5°C up to 25°C): See indication on package.

Storage class: 12

Classification according to the German Industrial Safety and Health Ordinance (BetrSichV): -

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7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs

1312-76-1 Silicic acid, potassium salt (M/M > 3,2)

| | | |
|------------|-------------------------------|-----------------------------------|
| Oral | Long term exposure | 0.74 mg/kg bw/d (Consumer) |
| Dermal | Systemic - Long term exposure | 0.74 mg/kg bw/d (Consumer) |
| | | 1.49 mg/kg bw/d (Employee) |
| Inhalative | Systemic - Long term exposure | 1.38 mg/m ³ (Consumer) |
| | | 5.61 mg/m ³ (Employee) |

PNECs

1312-76-1 Silicic acid, potassium salt (M/M > 3,2)

| | |
|--------------------------|---|
| Freshwater | 7.5 mg/l (not specified) |
| Marine water | 1 mg/l (not specified) |
| Soil | mg/kg (not specified) no hazard identified |
| Sediments (Freshwater) | mg/kg (not specified) no hazard identified |
| Sediments (Marine water) | mg/kg (not specified) no hazard identified |
| Sewage plant | 348 mg/l (not specified) |

Ingredients with biological limit values:

Void

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

8.2.1. Information about design of technical facilities

No further data; see item 7.

8.2.2. Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Use skin protection cream for skin protection. Avoid close or long term contact with the skin. Avoid contact with the eyes. Wash hands before breaks and at the end of work. Keep away from foodstuffs, beverages and feed. Do not eat, drink, smoke or sniff while working.

Respiratory protection:



Use suitable respiratory protective device only when aerosol or mist is formed (FFP2 according to EN 149)

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Hand protection:

Hand protection: Chemical resistant protective gloves according EN ISO 374

The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Check protective gloves prior to each use for their proper condition. Preventive skin protection by use of skin-protecting agents is recommended. To avoid skin problems reduce the wearing of gloves to the required minimum.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

For the permanent contact gloves made of the following materials are suitable:

Polychloroprene (material thickness ≥ 0.5 mm ; breakthrough time ≥ 480 min.)

Nitrile rubber (material thickness ≥ 0.35 mm ; breakthrough time ≥ 480 min.)

Butyl rubber (material thickness ≥ 0.5 mm ; breakthrough time ≥ 480 min.)

Fluororubber (material thickness ≥ 0.4 mm ; breakthrough time ≥ 480 min.)

Neoprene (material thickness ≥ 0.5 mm ; breakthrough time ≥ 480 min.)

Not suitable are gloves made of the following materials:

Non-liquid-tight gloves made of fabric, leather or similar materials.

Eye/face protection:

In case of splash risk use tightly fitting safety goggles according to EN 166.

Body protection:

Protective work clothing

Risk management measures:

An operator training/guidance in the correct use of personal protective equipment is necessary to ensure the required level of effectiveness.

8.2.3. Environmental exposure controls

Avoid release in the environment. Use the surplus or dispose it of properly.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Physical state**

Liquid

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| | |
|---|---|
| Appearance: | |
| Form: | Fluid |
| Colour: | Colourless |
| Odour: | Mild |
| Odour threshold: | Not safety relevant |
| pH at 20 °C (68 °F) | 9 - 11 |
| Change in condition | |
| Melting point/freezing point: | ~ 0 °C (~ 32 °F) (ISO 3016) |
| Boiling point or initial boiling point and boiling range | 100 °C (212 °F) |
| Flammability | Product is not flammable. |
| Flash point: | Not applicable |
| Decomposition temperature: | Not determined |
| Oxidising properties: | None |
| Explosive properties: | Product does not present an explosion hazard. |
| Ignition temperature: | Product is not selfigniting. |
| Vapour pressure at 20 °C (68 °F): | 23 hPa (17.3 mm Hg) |
| Density and/or relative density | |
| Density at 20 °C (68 °F): | 1.2 - 1.4 g/cm ³ (10.01 - 11.68 lbs/gal) |
| Particle size | |
| Viscosity: | |
| Dynamic at 20 °C (68 °F): | > 500 mPas (DIN 53019) |
| Solubility | |
| Water: | Fully miscible |
| Partition coefficient n-octanol/water (log value) | Not determined |
| Solids content: | 14 - 16 % |
| Solvent content: | |
| Organic solvents: | 0.4 % |
| VOC without water (EC): | 0.00 g/l |
| VOC with water (EC): | 2.4 - 2.8 g/l |
| VOC with water (EC): | 0.200 % |

9.2 Other information

Information with regard to physical hazard classes

| | |
|--|------|
| Explosive substances / mixtures and articles containing explosives | Void |
| Flammable gases | Void |
| Aerosols | Void |
| Oxidising gases | Void |
| Gases under pressure | Void |
| Flammable liquids | Void |
| Flammable solids | Void |
| Self-reactive substances and mixtures | Void |
| Pyrophoric liquids | Void |
| Pyrophoric solids | Void |
| Self-heating substances and mixtures | Void |
| Substances and mixtures, which emit flammable gases in contact with water | Void |
| Oxidising liquids | Void |
| Oxidising solids | Void |
| Organic peroxides | Void |

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| | |
|--------------------------------|------|
| Corrosive to metals | Void |
| Desensitised explosives | Void |

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability:

The product is stable as long as it is stored properly and dry.

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

Minimum storage life:

Minimum storage life (+5°C up to 25°C): See indication on package.

Additional information:

No further relevant information available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

The product was not investigated. The statement is derived from the properties of the single components.

Acute toxicity:

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

| | | |
|--|------------------|---------------------|
| LD/LC50 values relevant for classification: | | |
| 1312-76-1 Silicic acid, potassium salt (M/M > 3,2) | | |
| Oral | LD ₅₀ | > 5,000 mg/kg (Rat) |
| Dermal | LD ₅₀ | > 5,000 mg/kg (Rat) |

| | | |
|--|----------|---------------------------------|
| Other information (about experimental toxicology): | | |
| 1312-76-1 Silicic acid, potassium salt (M/M > 3,2) | | |
| Irritation of skin | OECD 404 | (Rabbit) slightly irritating |
| Irritation of eyes | OECD 405 | (Rabbit) not irritating |
| Sensitisation | OECD 406 | (Guinea pig) not sensitising |

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Primary irritant effect:**On the skin:**

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

On the eye:

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

Sensitization:

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.

Specific target organ toxicity - single exposure (STOT SE):

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

Specific target organ toxicity - repeated exposure (STOT RE):

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

Aspiration hazard:

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

Practical experience

No further relevant information available.

General comments

No further relevant information available.

11.2 Information on other hazards**Endocrine disrupting properties**

55406-53-6 | 3-Iodo-2-propynylbutylcarbamate

List II

SECTION 12: Ecological information

12.1 Toxicity

The product was not investigated. The statement is derived from the properties of the single components.

Aquatic toxicity:**1312-76-1 Silicic acid, potassium salt (M/M > 3,2)**

| | |
|------------------------|--|
| LC ₅₀ (48h) | > 146 mg/l (Fish - leuciscus idus) |
| EC ₅₀ | > 146 mg/l (Water flea - daphnia) |
| EC ₀ | > 348 mg/l (Bacteria - pseudomonas putidas) |
| EC ₅₀ (72h) | 207 mg/l /biomass (Algae scenedesmus subcapitatus) |

12.2 Persistence and degradability

A part of the components is biodegradable.

12.3 Bioaccumulative potential

No further relevant information available.

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12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT:

This substance/mixture contains no components classified as persistent, bioaccumulative and toxic (PBT) at levels of 0.1% or higher.

vPvB:

This substance/mixture contains no components classified as very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

For information on endocrine disrupting properties see section 11.

12.7 Other adverse effects

Literature

No further relevant information available.

Ecotoxicological effects:

No further relevant information available.

Behaviour in sewage processing plants:

No further relevant information available.

Additional ecological information:

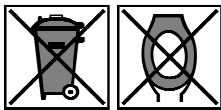
General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation:



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Dispose of contents/container in accordance with local/regional/national/international regulations.

| European waste catalogue | |
|--------------------------|--|
| 08 01 12 | Waste paint and varnish other than those mentioned in 08 01 11 |
| 15 01 02 | Plastic packaging |

08 01 12 for residues of the unprocessed product
15 01 02 for the completely emptied packaging

Uncleaned packaging

Recommendation:

Disposal must be made according to official regulations.
Recycle only completely emptied packaging.

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Recommended cleansing agents:

Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards

Marine pollutant:

No

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

UN "Model Regulation":

Void

* **SECTION 15: Regulatory information**

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

Observe the general safety regulations when handling chemicals.

Poisons Act**Regulated explosives precursors**

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Directive 2004/42/EC

IIA(g) 30 - this product contains < 30 g/l VOC (see chapter 9)

Product type: PAINTS AND VARNISHES

- Product subcategory: Primers
- Water-borne coatings, Limit value: 30 g/l

Directive (EU) 2012/18**Named dangerous substances - ANNEX I :**

None of the ingredients is listed.

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REGULATION (EC) No 1907/2006 ANNEX XVII :**Additional information on Entry 78**

The product does not contain synthetic polymeric microplastics >0.01% according to EC 2055/2023.

Regulation (EU) No 649/2012**Annex I - RESTRICTED EXPLOSIVES PRECURSORS**

(Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients are included.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

National regulations:**Waterhazard class:**

Water hazard class 1 (Self-assessment): Slightly hazardous for water

Other regulations, limitations and prohibitive regulations:

·Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (UK 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

·Commission Regulation (EU) No 878/2020 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (UK REACH)

·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

·Commission regulation (EU) 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 (UK REACH)

·Regulation (EC) No 1013/2006 of the European Parliament and of the Council of 14 June 2006 on shipments of waste

·Regulation (EC) No 528/2012 of the European Parliament and of the Council of 22 May 2012 concerning the making available on the market and use of biocidal products

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Reasons for changes:

* Data compared to the previous version altered.

Relevant phrases:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

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Advice for instructions:

Additional trainings, which go beyond the prescribed training in activities involving hazardous substances are not required.

Department issuing MSDS:

Product safety department (+43/(0)5522-41646-0 / klaus.ritter@fixit-gruppe.com)

Contact:

Dr. Klaus Ritter

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

MAK: Maximale Arbeitsplatz-Konzentration (maximum concentration of a chemical substance in the workplace, Austria/Germany)

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent, bioaccumulative properties

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Further information:

The information in this safety data sheet describe the safety requirements of our product and is based on our current state of our knowledge. They provide no assurance of product quality. Existing laws, ordinances and regulations, including those that are not mentioned in this data sheet must be observed by the recipient of our products in their own responsibility.