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## Material Safety Data Sheet

### UK PLANET SILICONE SN-500

#### 1. Identification of substance and manufacturer

##### 1.1. Product name

Sanitary silicone, sanitary sealant

##### 1.2. Trade name

**UK PLANET SILICONE SN-500**

##### 1.3. Application

Sealing and adhesive caulk

##### 1.4. Manufacturer/Supplier

Address:

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**Emergency telephone :**

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#### 2. Composition/ Data on components

##### 2.1. Chemical characterisation

Polydimethylsiloxane, fillers, auxiliaries, acetoxysilane cross-linker

##### 2.2. Dangerous components

Chemical name	concentration	CAS No.	EINECS No	classification
Distillates, petroleum, hydrotreated middle	< 25%	64742-46-7	265-148-2	Note H, Note N, Xn; R65
Triacetoxylethylsilane	< 5%	17689-77-9	241-677-4	Note C; R34 Xn; R22 R14

#### 3. Hazards identification

##### 3.1. Most important hazards

It can cause irritation of the skin, eyes and respiratory system.

##### 3.2. Additional information

Acetic acid is released during use.

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**4. First aid measures****4.1. After inhalation**

The product is not hazardous except sensitised person. Supply fresh air. In case of sickness see medical advice.

**4.2. After skin contact**

To clean from skin, remove completely with a dry cloth or paper towel, before washing with soap and water. Then wash with plenty of water or water and soap. Seek medical advice in case of continuous irritation.

**4.3. After eye contact**

Rinse opened eye for at least 10 ÷ 15 minutes under running water. Then consult a doctor.

**4.4. After swallowing**

Induce drinking plenty of water in small portions. Observe the victim within minimum 24 hours. Do not induce vomiting; call for medical help immediately and present the label on packing.

**5. Fire fighting measures****5.1. Suitable extinguishing agents**

Dry powder, alcohol-resistance foam, carbon dioxide or fine water spray jet.

**5.2. Unsuitable extinguishing agents**

Water with full jet.

**5.3. Special hazards caused by the material, its product of combustion or resulting gases**

Non in particular.

**5.4. Protective equipment**

Use respiratory protective device independent of recirculated air.

**6. Accidental release measures****6.1. Person – related safety precautions**

Wear personal protective suit ( see section 8 ). Avoid contact with skin and eyes. Avoid inhaling mists or vapours.

**6.2. Measures for environmental protection**

Do not introduce into sewer system or any water course. Dam up escaped liquid with earth or other suitable material.

**6.3. Measures for cleaning/ collecting**

Absorb mechanically and dispose of according to regulations. Absorb with liquid, mainly acid binding material and dispose of according to regulation. Do not flush away with water.

**7. Handling and storage****7.1. Handling**

Ensure adequate ventilation. Keep away from incompatible substances in accordance with section 10. Forms explosive mixtures with air, also in empty, uncleaned containers. Keep away from sources of ignition and do not smoke. Take precautionary measures against static discharges. Cool endangered container with water.

**7.2. Storage**

Keep container tightly closed and store in a cool, well ventilated place. Do not store in open air. Do not store up to 30°C. Protect against freezing.

**7.3. Further information about storage conditions**

Protect against moisture.

## 8. Exposure controls and personal protection

### 8.1. Additional information about design of technical system

Ensure adequate ventilation, special place with water for rinse eyes.  
See section 7.

### 8.2. Components with limit values that require monitoring at the workplace

Component	CAS No	OEL: STV	OEL: LTV
Acetic acid.*	64-19-7	15mg/m <sup>3</sup>	30mg/m <sup>3</sup>

\*Acetic acid is formed as a result of the contact of the product with air during the application.

### 8.3. Personal protection equipment

- **respiratory system protection**

It is not necessary. Wear gas mask with filter during prolonged exposure.

- **protection of hands**

rubber protective gloves resistant to action of chemicals

- **eyes protection**

tightly fitting protective glasses

- **protection of the shin**

protective work clothing.

### 8.4. Recommended precautionary measures

Ensure adequate ventilation, especially in closed areas. Take off and wash the contaminated work clothing and gloves. Wash hands before meals and after work. Do not eat, drink or smoke while working with the product. Avoid contact with the skin and eyes. Apply in accordance with industrial safety rules

## 9. Physical and chemical properties

form	pasty
odour	vinegar
boiling point/ boiling range	not applicable
melting point/ melting range	not applicable
ignition temperature	not applicable
explosion limits :	Product is not explosive
- lower	
- upper	
density at 20 °C	0.96 g/cm <sup>3</sup>
solubility in water	insoluble

### 9.1. Other information

Acetic acid is formed by hydrolysis of silicone. Explosion limits for Acetic acid: 4 – 17%(volume)

## 10. Stability and reactivity

### 10.1. Stability

The product is stable if it is applied in accordance with instructions

### 10.2. Conditions to be avoided

Moisture

### 10.3. Materials to be avoided

It reacts rapidly with strongly oxidizing agents. It cures in the presence of water or moisture, releasing small amounts of acetic acid.

### 10.4. Dangerous products of decomposition

Carbon monoxide and dioxide, silica, acetic acid and formaldehyde.  
Acetic acid during hydrolysis.

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**11. Toxicological information****11.1. Primary irritant effect on the eye**

Vapours of acetic acid released during curing may cause eye irritation.

**11.2. Primary irritant effect on the skin**

Can irritate on prolonged or repeated contact.

**11.3. Primary irritant effect after inhalation**

The vapour is irritating to the mouth, nose and throat.

**11.4. Primary irritant effect after swallowing**

Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive and discomfort.

**11.5. Others**

Possible risk of narcotic effects caused by hydrocarbons from silicone..

**12. Ecological information****12.1. Impact on the environment**

When used correctly, the product is not hazardous to the environment after drying.

**12.2. Accumulation**

The product is not biodegradable. It should not be allowed to reach soil, sewage system, surface or ground water.

**13. Disposal considerations****13.1. Product and packing**

Must be disposed of in accordance with the official regulations.

**14. Transport information**

The product is not subjected to the regulations of hazardous materials transportation (RID/ADR, IMDG, ICAO ).

**15. Regulations****15.1. Marking according to EU guidelines**

The product is not subjected to labelling according to EEC Directives.

**Warning symbols**

Not necessary

**Risk phrases (R-phrases):**

Not necessary

**Safety phrases (S-phrases):**

S 2 Keep out of reach of children.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well ventilated areas.

**16. Other information**

Risk phrases (R-phrases) mentioned in paragraphs No 2, 3 & 15

R 14 Reacts violently with water.

R 22 Harmful if swallowed.

R 34 Causes burns.

R 65 Harmful may cause lung damage if swallowed.

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shall convince himself, through all available sources ( including finished product testing in its appropriate environment ) of the suitability of the product supplied for its own particular purpose. " UK Planet", its subsidiaries and affiliates cannot be held responsible for any loss incurred through incorrect or faulty use of the product. The Material Safety Data Sheet related excessively to the described product. In case of applying it as a component of the other product, the MSDS is no more valid.

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