

**SAFETY DATA SHEET**

ANTI SILICON

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Compilation date: 29-06-2017

Revision No: 1

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

**1.1. Product identifier**

**Product name:** ANTI SILICON

**Product code:** 5880

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

**Use of substance / mixture:** Use in coatings: Additive

**1.3. Details of the supplier of the safety data sheet**

**Company name:** ProPart International B.V.

Molenakker 3

Reuver

5953 TW

The Netherlands

**Tel:** +31 (0) 77 476 2368

**Fax:** +31 (0) 77 476 2424

**Email:** [info@propart-international.com](mailto:info@propart-international.com)

**1.4. Emergency telephone number**

**Emergency tel:** +31 (0) 77 476 2368 (08.30-17.00)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Flammable liquid and vapour. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

EUH066: Repeated exposure may cause skin dryness or cracking.

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



**Signal words:** Warning

**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition

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sources. No smoking.

P233: Keep container tightly closed.

P235: Keep cool.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P501: Dispose of contents/container to hazardous or special waste collection point.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

N-BUTYL ACETATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	98.000%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Remove contact lenses. Ensure adequate flushing of eyes by separating eyelids with the fingers.

**Ingestion:** Immediately call a POISON CENTER or physician.

**Inhalation:** Provide fresh air. In case of complaints consult doctor.

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

**Skin contact:** Repeated or prolonged contact with the preparation may result in removal of the natural fat of the skin, resulting in non-allergic skin inflammation and absorption through the skin. Symptoms and symptoms include headache, dizziness, fatigue, muscle weakness, drowsiness and in extreme cases unconsciousness.

**Eye contact:** When fluid spills into the eyes, this can cause irritation and recoverable damage.

**Ingestion:** In case of swallowing consult a doctor immediately.

**Inhalation:** Exposure to occupational exposure may have adverse effects on health: Irritation of mucous membranes and respiratory system, as well as adverse effects on kidneys, liver and central nervous system.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Treat symptomatically. Never give anything by mouth to an unconscious person. In case of doubt or in case of persistent symptoms, call for medical attention. Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Sand or earth. CO<sub>2</sub> powders. Do not use water. Suitable extinguishing media for the surrounding fire should be used.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes. May contain carbon monoxide, carbon dioxide, nitrogen oxides. Can form explosive vapor-air mixtures

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Vapor in the air can form an explosive mixture with air. Remove all ignition sources.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Ensure adequate ventilation. Eliminate all sources of ignition. Do not breathe vapor. Turn leaking containers leak-side up to prevent the escape of liquid.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding. In case of gas being released or leakage into waters, ground or the drainage system, the appropriate authorities must be informed.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labelled salvage container for disposal by an appropriate method. Collect spillage with non-combustible absorbent material such as sand, earth, vermiculite and dispose of it in a waste container in accordance with local regulations (see section 13).

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. See section 7 for information on safe handling

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

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Do not handle in a confined space. Avoid the formation or spread of mists in the air. Eating, drinking, smoking and storing food is prohibited in workspace. Workers should wash hands and face before eating, drinking and smoking. Keep ignition sources away. Keep away from heat, sparks and flames. To eliminate static electricity during transport, the vessel must be earthed and connected to the receptacle using a tie strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type. If employees, even if they are not in the process of processing the product, are in a spray booth, ventilation should be present for any spray particles and solvent vapors. In these circumstances, they must wear a hood during the spraying process until the concentration has dropped below the MAC value. Vapors are heavier than air and can spread over floors. Vapors may form an explosive mixture with air. Protect against electrostatic charges. Inhalation of sanding dust should be avoided

## 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. In areas where this material is handled, stored and processed, eating, drinking and smoking should be prohibited. Do not use pressure when emptying. Is not a pressure vessel. Do not throw waste in the sink. Keep away from alkalis, oxidizing substances, acids. Keep only in original container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

## 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**N-BUTYL ACETATE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	724 mg/m <sup>3</sup>	966 mg/m <sup>3</sup>	-	-

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Where possible, this must be achieved through the use of local air outlet and good general suction capacity. If these are insufficient to maintain concentrations of particulate matter and vapors of solvents below the batch exposure limit, a suitable respiratory protective device should be worn.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency. If workers

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are exposed to concentrations above the exposure limit, they must be use appropriate, certified respirators. Dry sanding of a paint coating, or machining with burners and/or welding equipment of coated objects can cause harmful dust and/or vapors. If possible, wet sanding should be preferred.

**Hand protection:** Protective gloves. Use suitable gloves (EN374) for prolonged or repeated use. Type: Nitrile. Protective creams can help protect exposed skin. However, these may not be applied after exposure has occurred.

**Eye protection:** Ensure eye bath is to hand. Use eye protection (EN166) against splashing of liquids.

**Skin protection:** Protective clothing. Workers should wear anti-static clothing of a natural material or of a heat-resistant synthetic material.

**Environmental:** Do not let away in sewers or water courses. See also sections 7 and 12.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Transparent.

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Flash point°C:** >+23

**Relative density:** 0,88 +/- 0,03 (20°C)

### 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes. Carbon monoxide, carbon dioxide and nitrogen oxides.

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
CAS 123-86-4	-	-	-	-
DERMAL	RBT	LD50	141400	mg/kg
ORAL	RAT	LD50	13100	mg/kg

#### Hazardous ingredients:

##### N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

#### Relevant hazards for product:

Hazard	Route	Basis
STOT-single exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** Repeated or prolonged contact with the preparation may result in removal of the natural fat of the skin, resulting in non-allergic skin inflammation and absorption through the skin. Symptoms and symptoms include headache, dizziness, fatigue, muscle weakness, drowsiness and in extreme cases unconsciousness.

**Eye contact:** When fluid spills into the eyes, this can cause irritation and recoverable damage.

**Ingestion:** In case of swallowing consult a doctor immediately.

**Inhalation:** Exposure to occupational exposure may have adverse effects on health: Irritation of mucous membranes and respiratory system, as well as adverse effects on kidneys, liver and central nervous system.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicity values:

Species	Test	Value	Units
CAS 123-86-4	-	-	-
Daphnia magna	24H EC50	73	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

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## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** No data available.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Recommendation: Disposal must be made according to official regulations. The classification of the product may meet the criteria for a hazardous waste. Do not let away in sewers or water courses.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1263

### 14.2. UN proper shipping name

**Shipping name:** PAINT

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

## Section 15: Regulatory information

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

**Specific regulations:** Not applicable. The product is classified and labeled for delivery in accordance with

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Directive 1999/45 / EC. The Safety Data Sheet has been prepared in accordance with EU Regulation (EC) No. 1907/2006 (REACH).

## 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H336: May cause drowsiness or dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



