

# SAFETY DATA SHEET

## Silicone 6.6.6.A

Date: 06/2019

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### 1 IDENTIFICATION OF SUBSTANCE

#### 1.1 Product Identifier:

Identification on the label/ Trade name: Silicone 6.6.6.A

#### 1.2 Relevant Identified uses of the substance and uses advised against:

##### 1.2.1 Identified uses:

Lubricant for industrial

##### 1.2.2 Uses advised against:

Not available

#### 1.3 Details of the supplier of the material safety data sheet:

J. Allcock & Sons Ltd.,  
Textile Street,  
West Gorton,  
Manchester,  
M12 5DL.

Email: ja@allcocks.co.uk  
Tel: +44 (0)161 223 7181  
Fax: +44 (0)161 223 0173

#### 1.4 Emergency telephone number:

+44 (0)161 223 7181

### 2 HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture:

##### 2.1.1 Classification:

Classification according to directive 67/548/EEC OR 1999/45/EC:

This substance is not classified as dangerous according to regulation (EC) 1272/2008[GHS].

#### 2.2 Label Elements:

##### Hazard Symbol:

Not applicable.

##### Risk Phrases:

Not applicable.

#### 2.3 Other hazards

When spilled, can contaminate soil, ground and surface water.

### 3 COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substance/Mixture:

The product in question is a substance.

#### 3.2 Ingredients:

Substance Name	% by weight
Polydimethylsiloxane silicone oil	100

### 4 FIRST-AID MEASURES

#### 4.1 Description of first aid measures:

**General advice:** When in doubt or if symptoms are observed, get medical advice

**Inhalation:** Remove to fresh air

**Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes

**Eye contact:** If substance enters eyes, immediately rinse with plenty of water for several minutes

**Ingestion:** Clean mouth with water and drink afterwards plenty of water.

#### 4.2 Most important symptoms and effect, both acute and delayed:

Not applicable.

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

Not applicable.

### 5 FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing Media:

##### 5.1.1 Suitable extinguishing media:

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Alcohol resistant foam carbon dioxide (CO<sub>2</sub>), extinguishing powder, water mist.  
5.1.2 Unsuitable extinguishing media:  
Strong water jet.

### 5.2 Specific Hazards arising from the substance or mixture:

In case of fire may be liberated: Carbon dioxide (CO<sub>2</sub>), carbon monoxide, nitrogen oxides (NO<sub>x</sub>).

### 5.3 Advice for fire-fighters:

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers. Wear a self-contained breathing apparatus and chemical protective clothing.

## 6 ACCIDENTAL RELEASE MEASURES

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

Special danger of slipping by leaking/spilling product. Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of major spill. See protective measures under point 7 and 8.

### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil. In case of gas escape or of entry into waterway, soil or drains, inform the responsible authorities.

### 6.3 Methods of containment and cleaning up:

Absorbs onto material and dispose of in suitable closed containers.  
Absorbent materials: Sand, Kieselghur, universal binder sawdust.

### 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 information on disposal.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

#### 7.1.1 Protective measures:

Wear full protective clothing for prolonged exposure &/or high concentrations.

#### 7.1.2 Advice on general occupational hygiene:

Maintain good standards of hygiene and work practices. When handling the material do not eat, drink or smoke. Wash hands before and after handling silicone.

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

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Never use pressure to empty container. Keep away from ignition sources and naked flame.  
Storage class: 10

### 7.3 Specific end use(s):

Not applicable.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

To date, no national critical values exist.

### 8.2 Exposure controls:

**Engineering controls:** Ensure adequate ventilation, especially in confined areas.

**Eye/face protection:** Wear safety glasses with side shields (or goggles)

**Hand protection:** Wear protective gloves. To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN374

**Skin and body protection:** Suitable protective clothing. For gloves see previous.

**Respiratory protection:** none under normal use conditions.

### 8.3 Environmental exposure controls:

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Local authorities should be advised if significant spillages cannot be contained.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Physical state:		Liquid
Colour:		Clear
Odour:		Characteristic Odour
pH:		Not applicable.
Melting point/range (°C):		Not available.
Boiling point/range (°C):	@ 760 mmHg	Not available.
Flash point (°C):		> 300 Open Cup
Evaporation rate:		Not applicable.
Flammability (solid,gas):		Not available.
Ignition temperature (°C):		ca. 450
Upper/lower flammability/explosive limits:		Not available.
Vapour pressure (hPa):	@ 50°C	< 1000
Vapour density:		Not available.
Relative Density (g cm <sup>-3</sup> ):	@ 25°C	0.975
Solubility:	@ 20°C	Insoluble in water
Auto-ignition temperature (°C):		Not available.
Decomposition temperature (°C):		> 200
Viscosity (mm <sup>2</sup> s <sup>-1</sup> , cSt):	@ 25°C	6200 ± 200

#### 9.2 Other information:

Not available.

### 10 STABILITY AND REACTIVITY

#### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.

#### 10.2 Chemical stability:

No information available.

#### 10.3 Possibility of hazardous reactions:

No information available.

#### 10.4 Conditions to avoid:

No information available.

#### 10.5 Incompatible materials:

Exothermic reaction with Oxidising agent, Strong acid and Strong Alkali

#### 10.6 Hazardous decomposition products:

Decomposition with: Carbon dioxide (CO<sub>2</sub>), Carbon monoxide, Nitrogen oxides (NO<sub>x</sub>). If this product is heated to > 150 °C, trace quantities of formaldehyde may be release, and adequate ventilation is required.

### 11 TOXICOLOGICAL INFORMATION

This substance is not classified as dangerous according to 67/548/EEC. This mixture is not classified as dangerous according to 1999/45/EC. This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [GHS]. This substance is not classified as dangerous according to regulation (EC) 1272/2008 [GHS]. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

#### 11.1 Information on toxicological effects:

##### Acute toxicity:

LD50 (Oral, Rat): > 5000 mg/kg  
LD50 (Dermal, Rat): >2008 mg/kg

##### Skin corrosion/irritation:

Not applicable.

##### Serious eye damage/irritation:

Not applicable.

##### Respiratory or skin sensitization:

Not applicable.

##### Germ cell mutagenicity:

Not applicable.

##### Carcinogenicity:

Not applicable.

##### Reproductive toxicity:

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Not applicable.  
STOT- single exposure:  
Not applicable.  
STOT- repeated exposure:  
Not applicable.  
Aspiration hazard:  
Not applicable.

### 11.2 Other adverse effects:

Product may emit formaldehyde vapour at temperatures above 150°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

## 12 ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

Aquatic Toxicity  
Harmless to aquatic organism up to tested concentration,

### 12.2 Persistence and degradability:

No information available.

### 12.3 Bioaccumulative potential:

No information available.

### 12.4 Mobility in soil:

No information available.

### 12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII

### 12.6 Other adverse effects:

The evaluation was carried out according to the calculation method of the preparation directive.

## 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods:

Send to a hazardous waste incinerator facility under observation of official regulations.

### 13.2 Product/ Packaging disposal:

Clean IBCs or drums at approved facility only. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

## 14 TRANSPORT INFORMATION

### 14.1 UN-no:

No dangerous good in sense of this transport regulation.

### 14.2 Transport hazard class(es)

#### 14.2.1 RID/ADR:

Not subject to ADR/RID.

#### 14.2.2 IMDG:

Not subject to IMDG code.

#### 14.2.3 IATA/ICAO:

Not subject to IATA regulations.

## 15 REGULATORY INFORMATION

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

Not applicable.

### 15.2 Chemical safety assessment:

Chemical safety assessments for substances in this mixture were not carried out.

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## 16 OTHER INFORMATION

**Issued by:**

J. Allcock & Sons Ltd.

**SDS No.:**

WEB01

**Date:**

06/2019

For any further information please contact **J. Allcock & Sons Ltd.**

**DISCLAIMER:** All information and instructions provided in these Safe Handling Instructions (SHI) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. J. Allcock & Sons Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated:06/2019**

