

### SAFETY DATA SHEET SILICONE GREASE SG100

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND OF THE COMPANY/UNDERTAKING

##### 1.1 PRODUCT IDENTIFIER

PRODUCT NAME SILICONE GREASE  
PRODUCT No. SG100

##### 1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

APPLICATION OF THE SUBSTANCE / PREPERATION LUBRICANT AND RELEASE AGENT

##### 1.3 DETAILS OF THE SUPPLIER

SUPPLIER	FloPlast LTD CASTLE ROAD EUROLINK BUSINESS PARK SITTINGBOURNE KENT ME10 3FP 01795 431731 <a href="mailto:technical@floplast.co.uk">technical@floplast.co.uk</a>	MANUFACTURED FOR FloPlast LTD BY:	PENN WHITE Ltd. ASTON WAY MIDPOINT 18 BUSINESS PARK MIDDLEWHICH CW10 0HS + 44 (0) 606 734820
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EMERGENCY TELE: 01795 431731 (08:00HRS – 17:30HRS)

#### SECTION 2: HAZARD IDENTIFICATION

##### CLASIFICATION OF SUBSTANCES

##### 2.1 CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008

None

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

POLYDIMETHYLSILOXANE	> 90%
CAS-No.: 63142-69-9	EC No.:
Classification (EC 1272/2008)	None
AMORPHOUS SILICON DIOXIDE	< 10%
CAS No.: 60842-32-2	
Classification (EC 1272/2008)	None

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: FIRST AID MEASURES

##### 4.1 DESCRIPTION OF FIRST AID MEASURES

**After inhalation:** Not applicable.  
**After skin contact:** Wash with soap and water.  
**After eye contact:** Flush with clean water at least 10 times.  
**After swallowing:** If any discomfort is experienced, seek medical attention.

##### 4.2 INFORMATION FOR DOCTOR:

##### 4.2.1 Most important symptoms and effects, both acute and delayed

No further relevant information available.

##### 4.2.2 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## **SECTION 5: FIRE FIGHTING MEASURES**

### **5.1 EXTINGUISHING MEDIA**

CO<sub>2</sub>, dry chemical, foam

**For safety reasons unsuitable extinguishing agents:** Do not use direct water jet onto pools of hot burning liquid.

### **5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

Formaldehyde may be produced. Product may present a floating fire hazard.

### **5.3 ADVICE FOR FIREFIGHTERS**

When fighting fire in enclosed space, wear self contained breathing apparatus.

### **5.4 ADDITIONAL INFORMATION**

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Spills will make floors slippery; avoid walking through material.

### **6.2 ENVIRONMENTAL PRECAUTIONS**

Prevent from entering water courses.

### **6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

Material should be scraped up and placed into containers for disposal.

The floor should then be cleaned using appropriate industrial cleaning materials

### **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 OF SAFE HANDLING**

Keep containers closed; avoid contact with material as this will make handling difficult because of its lubricating properties.

### **7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

No special precautions required

### **7.3 SPECIFIC END USE(S)**

No further relevant information available.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 CONTROL PARAMETERS**

### **8.2 PROTECTIVE EQUIPMENT**

#### **8.2.1 General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin

#### **8.2.2 Respiratory protection:**

Not required.

**8.2.3 Protection of hands:**

Protective gloves recommended

**8.2.4 Eye protection:**

Eye protection

Only necessary if there is a risk of eye contact

**8.2.5 Skin protection:**

Standard industrial protective clothing

**8.2.5 Body protection:**

Not necessary

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES****9.1.1 Appearance:**

<b>Form:</b>	Paste
<b>Colour:</b>	Translucent White
<b>Odour:</b>	Odourless
<b>pH Value:</b>	N/A
<b>Boiling point/Boiling range:</b>	N/A
<b>Flammability:</b>	Material will burn if sufficient heat is applied.
<b>Flash point:</b>	>300°C
<b>Auto Ignition temperature:</b>	450°C
<b>Explosion limits:</b>	N/A
<b>Vapour Density:</b>	N/A
<b>Vapour Density:</b>	N/A
<b>Solubility:</b>	Soluble in Chlorinated Hydrocarbons, White Spirit, some Aliphatic Hydrocarbons.
<b>Solubility in Water:</b>	Insoluble
<b>Solubility in Fats and Oils:</b>	Poor material is lipophobic
<b>Partition Coef. (n-Octanol / Water):</b>	Not determined
<b>Viscosity:</b>	Cone penetration:-230-260

**SECTION 10: STABILITY AND REACTIVITY****10.1 REACTIVITY****10.2 CHEMICAL STABILITY**

Material is stable and un-reactive.

**10.3 THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED**

No further relevant information available.

**10.4 POSSIBILITY OF HAZARDOUS REACTIONS**

No dangerous reactions known.

**10.5 CONDITIONS TO AVOID**

No further relevant information available.

## **10.6 INCOMPATIBLE MATERIALS**

No further relevant information available.

## **10.7 HAZARDDOUS DECOMPOSITION PRODUCTS**

Formaldehyde may be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1 ACUTE TOXICITY**

### **11.2 PRIMARY IRRITANT EFFECT**

#### **11.2.1 on the skin:**

Material is practically inert from a physiological point of view.

#### **11.2.2 on the eye:**

Material is practically inert from a physiological point of view.

#### **11.2.3 Sensitization:**

Material is practically inert from a physiological point of view.

#### **11.2.4 Inhalation:**

Material is practically inert from a physiological point of view.

### **11.3 ADDITIONAL TOXICOLOGICAL INFORMATION**

No further relevant information available.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1 TOXICITY**

### **12.2 ACQUATIC TOXICITY**

From current data, no evidence of any adverse effects is evident.

### **12.3 PERSISTENCE AND DEGRADABILITY**

### **12.4 BEHAVIOUR IN ENVIRONMENTAL SYSTEMS**

### **12.5 BIOACCUMULATIVE POTENTIAL**

From current data, no evidence of any adverse effects is evident.

### **12.6 MOBILITY IN SOIL**

### **12.7 ADDITIONAL ECOLOGICAL INFORMATIONS**

### **12.8. GENERAL NOTES**

From current data, no evidence of any adverse effects is evident.

### **12.9 RESULTS OF PBT and vPvB ASSESSMENT**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### **12.10 OTHER ADVERSE EFFECTS**

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **13.1 WASTE TREATMENT METHODS**

#### **13.1.1 Recommendations**

Landfill, in accordance with national and local regulations

### **13.2 UNCLEANNED PACKAGING**

#### **13.2.1 Recommendation**

Landfill, in accordance with national and local regulations

## **SECTION 14: TRANSPORT INFORMATION**

This product is not subject to regulation

## **SECTION 15: REGULATORY INFORMATION**

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE****15.2 LABELLING ACCORDING TO EU REGULATIONS**

The product has been classified as non hazardous to the latest EEC regulations.

**15.3 CODE LETTER AND HAZARD DESIGNATION OF PRODUCT****15.4 RISK PHRASES****15.5 SAFETY PHRASES****15.6 NATIONAL REGULATIONS****15.7 TECHNICAL INSTRUCTION (AIR):****15.8 WATER CLASS****15.9 CHEMICAL SAFETY ASSESSMENT****SECTION 16: OTHER INFORMATION**

This product should be used as directed by Penn White Ltd. For further information consult the product data sheet or contact FloPlast's Technical Department.

The safety data sheet has been compiled using current information supplied by by Penn White and the distributors of their raw materials.

Issued By            Neil Harrison  
Department        Quality/Environmental/Health and Safety  
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Revision            4

**Risk Phrases in Full**

NC                    Not classified.