



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

<p>SUPPLIER FloPlast LTD CASTLE ROAD EUROLINK BUSINESS PARK SITTINGBOURNE KENT ME10 3FP 01795 431731 technical@floplast.co.uk</p>	<p>MANUFACTURED FOR FloPlast LTD BY:</p>	<p>PENN WHITE Ltd. ASTON WAY MIDPOINT 18 BUSINESS PARK MIDDLEWHICH CW10 0HS + 44 (0) 606 734820</p>
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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 H-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

CO₂, 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:**

Form:	Paste
Colour:	Translucent White
Odour:	Odourless
pH Value:	N/A
Boiling point/Boiling range:	N/A
Flammability:	Material will burn if sufficient heat is applied.
Flash point:	>300°C
Auto Ignition temperature:	450°C
Explosion limits:	N/A
Vapour Density:	N/A
Vapour Density:	N/A
Solubility:	Soluble in Chlorinated Hydrocarbons, White Spirit, some Aliphatic Hydrocarbons.
Solubility in Water:	Insoluble
Solubility in Fats and Oils:	Poor material is lipophobic
Partition Coef. (n-Octanol / Water):	Not determined
Viscosity:	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 HAZARD 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
Revision Date 4th August 2016
Revision 4

Hazard Phrases in Full

NC Not classified.