

Silicone Grease

Issue 15.01.19

1. Identification of the Substance/Preparation and the Company Undertaking

1.1. Product Identifier

Product Name Terrain Silicone Grease

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

Application Lubricating Grease

1.3. Details of the supplier of the safety data sheet

Supplier Polypipe Building Services
College Road
New Hythe Business Park
Aylesford
Kent
ME20 7PJ
Tel: 01622 795200

1.4. Emergency telephone number

Tel. 01622 795200

2. Hazard Identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)		
Physical and Chemical Hazards		Not classified
Human health		Not classified
Environment		Not classified

2.2. Label elements

Hazard Statements NC Not classified

Precautionary Statements

P103	Read label before use
P102	Keep out of reach of children
P280	Wear eye protection

2.3. Other hazards

3. Composition/Information on Ingredients

3.2. Mixtures

Polydimethylsiloxane	60 – 100%
CAS No: 9016-00-6	
Classification	Not classified
Amorphous Silica	10 – 30%
CAS No: 7631-86-9	EC Number: 231-545-4
Classification	Not classification
Polypropylene Glycol 2000	1 – 5%
CAS No: 25322-69-4	
Classification	Not classified

The full Text for all Hazard Statements are displayed in section 16

4. First Aid Measures

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4.1. Description of first aid measures**Inhalation**

Not relevant

Ingestion

Rinse mouth thoroughly. Consult a physician for specific advice

Skin Contact

It is important to remove the substance from the skin immediately. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye Contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**Inhalation**

Due to the physical nature of this material, inhalation is unlikely to occur

Ingestion

Due to the physical nature of this material it is unlikely that swallowing will occur

Skin Contact

No specific symptoms noted

Eye Contact

May cause temporary eye irritation

4.3. Indication of any immediate medical attention and special treatment needed**5. Fire Fighting Measures****5.1. Extinguishing media****Suitable Extinguishing Media**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials

5.2. Special hazards arising from the substance or mixture**Hazardous combustion products**

Does not decompose when used and stored as recommended

Specific Hazards

Considering the size of the packaging, the risks are regarded as minimal. No unusual fire or explosion hazards noted

5.3. Advice for firefighters**Protective actions during firefighting**

No specific firefighting precautions known

6. Accidental Release Measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing as appropriate

6.2. Environmental Precautions

Due to physical properties of this material, spillage is unlikely to occur, do not allow to enter drains, sewers or water courses

6.3. Methods and material for containment and cleaning up

Collect spillage in containers, seal securely and deliver for disposal see section 13

7. Handling and Storage**7.1. Precautions for safe handling**

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Avoid spilling, skin and eye contact

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a well-ventilated place. Keep in original container

Storage Class

Store in cool location in well sealed containers

7.3. Specific end use(s)

The identified uses for this product are detailed in section 1.2.

8. Exposure Control/Personal Protection

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s)

8.2. Exposure controls

Protective Equipment



Engineering Controls

Provide adequate ventilation

Respiratory Equipment

No specific recommendations

Hand Protection

Chemical resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible

Eye / Face Protection

Eye ware complying with an approved standard should be worn if risk assessment indicates eye contact is possible. The following protection should be worn – Chemical splash goggles or face shield

Other Skin and Body Protection

Wear suitable gloves if prolonged or repeated contact is likely

Hygiene Measures

DO NOT SMOKE IN THE WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating/drinking, smoking and using the toilet

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Soft Translucent Paste
Colour	Colourless
Odour	Slight odour
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	>300°C @ 760 mm Hg
Melting Point	~ -41°C
Bulk Density	~1000 kg/m ³
Flash Point	>315°C
Flammability (Solid, Gas)	Not considered to be explosive

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Explosive Properties No information available. More sensitive to shock than m-dinitrobenzene: Not considered to be explosive. More sensitive to friction than m-dinitrobenzene: Not considered to be explosive

Oxidising Properties Does not meet the criteria for classification as oxidising

9.1. Other information

None

10. Stability and Reactivity**10.1. Reactivity**

No specific reactivity hazards associated with this product

10.2. Chemical stability

Stable under normal temperature conditions

10.3. Possibility of hazardous reactions

Not known. Will not polymerise

Hazardous polymerisation

Will not polymerise

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time

10.5. Incompatible materials**Materials to avoid**

None

10.6. Hazardous decomposition products

None under normal conditions

11. Toxicological Information**11.1. Information on toxicological effects****Toxicological Effects**

Longer term experience of this product type indicates no danger to health when properly handled under normal industrial conditions

12. Ecological Information**Ecotoxicity**

Not regarded as dangerous for the environment

12.1. Toxicity

Not regarded as dangerous for the environment

12.2. Persistence and degradability**Degradability**

There is no data regarding the degradability of this product

12.3. Bioaccumulative potential

No data available regarding bioaccumulation

12.4. Mobility in soil

The product is non-volatile. Not relevant due to the form of the product

12.5. Results of PBT and vPvB assessment

Not determined

12.6. Other adverse effects

None known

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13. Disposal Considerations**13.1. Waste treatment methods****Disposal Methods**

Dispose of waste and residues in accordance with local authority requirements

Disposal Methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local waste disposal authority

14. Transport Information**General**

Not regulated

Rail Transport Notes

Not classified

Sea Transport Notes

Not classified

Air Transport Notes

Not classified

14.1. UN Number

Not applicable

14.2. UN proper Shipping name

Not relevant

14.3. Transport hazard class(es)

Not relevant

14.4. Packing group

Not applicable

14.5. Environmental hazards**Environmentally Hazardous Substance/Marine Pollutant**

No

14.6. Special precautions for user

No information available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

Not applicable

15. Regulatory Information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National Regulations**

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency.

EU LegislationRegulation (EC) No 1907/2006 of the European Parliament and of the Council 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)
Regulation (EC) No 1272/2008 of the European Parliament and of the council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (As amended)**Guidance**

ECHA: Guidance on the Compilation of safety data sheets (V3.1, November 2015)

Health and Environmental Listings

None of the ingredients are listed

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15.2. Chemical safety assessment

No information currently available

16. Other Information

Since the users working conditions are not known by us, the information supplied on this safety sheet is based on our current level of knowledge and on National and community regulations.

The product must not be used for any purpose other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

Hazard Statements In Full

None

Precautionary StatementsP103
P102
P280Read label before use
Keep out of reach of children
Wear eye protection