

MATERIAL SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU)2015/830

Issue date 17/07/2023 Version 10.002

1.0 IDENTIFICATION

- 1.1 **Product Form** Mixture
Trade Names **MartinSILICONE Silicone Grease**
MartinSILICONE HT Silicone Grease
MartinSILICONE Silicone Grease E&V
MartinSILICONE Silicone Treadmill Lubricant

1.1.1 RELEVANT USE & USES ADVISED AGAINST

- 1.1.1a uses industrial, professional
1.1.1b to be used as lubricant, protective, release
1.1.1c don't use as no additional information available
1.2 **Supplier** Martin Chemicals & Lubricants
77 West Vale NESTON CH64 0SF UK
1.3 **Telephone no** +44 (0) 151 336 5138
1.4 **Emergency no** +44 (0) 151 336 5138
1.5 **Web Contact** sales@lubesetc.com www.lubesetc.com

2.0 HAZARDS IDENTIFICATION

- 2.1 **Classification of substance or mixture**
Classification according to Regulation (EC) No 1272/2008 [CLP]:
Not classified
Adverse physiochemical, human health and environmental effects:
No additional information available
2.2 **Label elements**
Labelling according to (EC) No. 12722008 [CLP]:
No labelling applicable
2.3 **Other hazards**
no additional information available

3.0 COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 **Substances** not applicable
3.2 **Mixtures** This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex 11
3.3 **CAS No: 63148-62-9**
UN HS tariff number 3910000015
3.4 **Chemical nature** Polydimethylsiloxane and silica mixture

4.0 FIRST AID MEASURES

4.1 *Description of first aid measures*

General	Never give anything by mouth to an unconscious person. Seek medical advice if feeling unwell.
Inhalation	Allow person to breath fresh air. Allow victim to rest.
Skin contact	Remove affected clothing and wash all exposed skin area with mild soap and water
Eye contact	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
Ingested	Rinse mouth. Do NOT induce vomiting Obtain emergency medical attention.

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

Symptoms/effects not expected to present significant hazard in normal use.

4.3 *Indications of any immediate attention and special treatment needed.*

No additional information available.

5.0 FIRE FIGHTING MEASURES

5.1 *Extinguishing Media*

Suitable Extinguishing Media Water spray, Carbon dioxide, Foam, Dry powder, Sand

Unsuitable Extinguishing Media Don't use heavy water stream

5.2 *Special Hazards arising from the substance or mixture*

No additional information available

5.3 *Advice for firefighters*

Firefighting instructions use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment

5.4 *Protection during firefighting*

do not enter fire area without protective equipment including respiratory protection.

6.0 ACCIDENTAL RELEASE MEASURES

6.1 *Personal precautions, protective equipment and emergency procedures*

6.1.1 For non-emergency personnel

Emergency procedures Evacuate unnecessary personnel

6.1.2 For emergency responders

Protective equipment Equip cleanup crew with proper protection

Emergency procedures Ventilate area

6.2 *Environmental precautions*

Prevent entry to sewers and public and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 *Methods and materials for containment and cleaning up*

Methods for cleaning up: On land, sweep or shovel into suitable containers. Minimise generation of dust.

6.4 *Reference to other sections*

See Heading 8.0 Exposure controls and personal

7.0 HANDLING & STORAGE

- 7.1 *Precautions for safe handling*** wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes
- 7.2 *Conditions for safe storage***, including any incompatibilities
- Storage conditions Keep container closed when not in use. Keep only in original container.
- Incompatible products Strong bases, strong acids.
- Incompatible materials Sources of ignition. Direct sunlight.
- 7.3 *Specific end use(s)***
- No additional information available

8.0 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 *Control Parameters*

- 8.1.1 National occupational exposure and biological limit values
No additional information available.
- 8.1.2 Recommended monitoring procedures
No additional information available.
- 8.1.3 Air contaminants formed
No additional information available.
- 8.1.4 DNEL and PNEC
No additional information available.
- 8.1.5 Control banding
No additional information available.

8.2 *Exposure Controls*

- 8.2.1 Appropriate engineering controls
No additional information available.
- 8.2.2 Personal protection equipment
Personal Protective equipment
Avoid all unnecessary exposure
- Hand protection Not applicable
- 8.2.2.1 Eye and face protection
Eye protection:
Chemical goggles or safety glasses
- 8.2.2.2 Skin protection
Hand protection
Wear protective gloves. Nitrile rubber gloves
- 8.2.2.3 Respiratory protections
Respiratory protection:
Not required for normal conditions of use
- 8.2.2.4 Thermal hazards
No additional information available
- 8.2.3 Environmental exposure controls
Other information:
Do not eat drink or smoke during use.

9.0 PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

<i>Appearance at 20degC</i>	<i>Thick opalescent paste</i>
<i>Physical state</i>	<i>solid</i>
<i>Colour</i>	<i>white translucent</i>
<i>Odour</i>	<i>characteristic</i>
<i>Odour (threshold)</i>	<i>no data available</i>
<i>pH</i>	<i>no data available</i>
<i>Relative evaporation rate (butylacetate=1)</i>	<i>no data available</i>
<i>Melting point</i>	<i>no data available</i>
<i>Freezing point</i>	<i>no data available</i>
<i>Boiling point</i>	<i>no data available</i>
<i>Flash point</i>	<i>>150degC</i>
<i>Critical temperature</i>	<i>>150degC</i>
<i>Auto-ignition temperature</i>	<i>no data available</i>
<i>Decomposition temperature</i>	<i>no data available</i>
<i>Flammability (solid,gas)</i>	<i>non flammable</i>
<i>Vapour pressure</i>	<i>no data available</i>
<i>Relative vapour density at 20degC</i>	<i>no data available</i>
<i>Relative density</i>	<i>-0.99</i>
<i>Solubility</i>	<i>insoluble in water</i>
<i>Partition coefficient n-octane/water (Log Pow)</i>	<i>no data available</i>
<i>Viscosity, kinematic</i>	<i>no data available</i>
<i>Viscosity dynamic</i>	<i>no data available</i>
<i>Explosive properties</i>	<i>no data available</i>
<i>Oxidising properties</i>	<i>no data available</i>
<i>Explosive limits</i>	<i>no data available</i>

9.2 Other information

VOC content 0g/l

10.0 STABILITY & REACTIVITY

10.1 <i>Reactivity</i>	The product is non-reactive under normal conditions of use storage & transport
10.2 <i>Chemical stability</i>	Stable under normal conditions
10.3 <i>Possibility of hazardous reactions</i>	Stable under normal conditions of use
10.4 <i>Conditions to avoid</i>	Direct sunlight. Extremely high / low temperatures
10.5 <i>Incompatible materials</i>	Strong acids. Strong bases
10.6 <i>Hazardous decomposition products</i>	Fume. Carbon monoxide. Carbon dioxide.

11.0 TOXICOLOGICAL INFORMATION

11.1 *Information on toxicological effects*

Acute toxicity (oral)	not classified
Acute toxicity (dermal)	not classified
Acute toxicity (inhalation)	not classified
Skin corrosion/irritation	not classified
Additional information	based on available data the classification criteria are not met
Serious eye damage/irritation	not classified
Additional information	based on available data the classification criteria are not met
Respiratory or skin sensitisation	not classified
Additional information	based on available data the classification criteria are not met
Germ cell mutagenicity	not classified
Additional information	based on available data the classification criteria are not met
Carcinogenicity	not classified
Additional information	based on available data the classification criteria are not met
Reproductive toxicity	not classified
Additional information	based on available data the classification criteria are not met
STOT- single exposure	not classified
Additional information	based on available data the classification criteria are not met
STOT- repeated exposure	not classified
Additional information	based on available data the classification criteria are not met
Aspiration hazard	not classified
Additional information	based on available data the classification criteria are not met
Potential adverse human health effects & symptoms	based on available data the classification criteria are not met

12.0 ECOLOGICAL INFORMATION

12.1 *Toxicity*

Hazardous to the aquatic environment, short term (acute)	Not classified
Hazardous to the aquatic environment, long term (chronic)	Not-classified

12.2 *Persistence & degradability* Not established

12.3 *Bioaccumulative potential* Not established

12.4 *Mobility in soil* No additional information available

12.5 *Results of PBT & vPvB assessment* No additional information available

12.6 *Other adverse effects*

Additional information Avoid release to the environment

13.0 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product/Packaging disposal recommendations

Ecology – waste material

Dispose safely in accordance
with local/national regulations
Avoid release to the environment

14.0 TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / AND / RID

ADR	IMDG	IATA	AND	RID
14.1 UN number				
*	*	*	*	*
14.2 UN proper shipping name				
*	*	*	*	*
14.3 Transport hazard class(es)				
*	*	*	*	*
14.4 Packing group				
*	*	*	*	*
14.5 Environmental hazards				
*	*	*	*	*

* = not regulated

No supplementary information available

14.6 Special precautions for user

Overland transport *not regulated*

Sea transport *not regulated*

Air transport *not regulated*

Inland waterway transport *not regulated*

Rail transport *not regulated*

14.7 Transport in bulk according to Annex 11 of Marpol and the IBC Code

Not applicable

15.0 REGULATORY INFORMATION

15.1 *Safety health & environmental regulations specific to the substance / mixture*

15.1.1. EU Regulations

Contains no REACH substances with Annex XVII restrictions.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

VOC content 0g/l

15.1.2 National regulations

No additional information available

15.2 *Chemical safety assessment*

No chemical safety assessment has been carried out.

16 OTHER INFORMATION

Data sources REGULATION (EC) No 1272/2008 of the EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification labelling & packaging of substances & mixtures, amending & repealing Directives 67/548/EEC & 1999/45/EC & amending Regulation (EC) No 1907/2006

Other information none

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