SAFETY DATA SHEET

M494 Grease

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:
Identification on the label/ Trade name: M494 Grease

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

1.2.1 Identified uses:
Lubricant.

1.2.2 Uses advised against:
Not available

1.3 Details of the Supplier of the material safety data sheet:

Allcosil Ltd.,
Ambrose Street,
West Gorton,
Manchester,
M12 5DD.

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:
The product has not been classified as hazardous pursuant to the provisions set forth in EC regulation 1272/2008 (CLP) (and subsequent amendments and supplements)

2.2 Label Elements:
The product does not need to be labelled in accordance with EC directives or respective national laws.

Hazard Pictograms:
Not applicable.
Signal Word(s):
Not applicable.
Hazard Statement:
Not applicable.
Precautionary statement:
Not applicable.

2.3 Other hazards
Combustible.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:
The product in question is a mixture.

3.2 Ingredients:

Substance Name	% by weight	CAS No.	REACH No.	Classification
Polyorganosilioxanes + silica	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 the eyes, immediately rinse with plenty of water for several minutes

Indigestion: Clean mouth with water and drink afterwards plenty of water

4.2 Most important symptoms and effect, both acute and delayed:
None known.

4.3 Indication of any immediate medical attention and special treatment needed:
No specific recommendations.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:
Extinguish with foam carbon dioxide or dry powder. Water spray.
5.1.2 Unsuitable extinguishing media:
Strong water jet may scatter and spread fire.

5.2 Specific Hazards arising from the substance or mixture:

Combustible. For further information, refer to section 10: "Stability and Reactivity".

5.3 Advice for fire-fighters:

Water spray should be used to cool containers. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. See Section 8 of the MSDS for Personal Protective Equipment.

6.2 Environmental precautions:

Collect spillage. Do not discharge into drains, water courses or onto the ground.

6.3 Methods of containment and cleaning up:

Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Container must be kept tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by this material, use an appropriate solvent. (cf. : § 9) Flush area with plenty of water. Incinerate in suitable combustion chamber.

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:
No specific precautions.
7.1.2 Advice on general occupational hygiene:
Maintain a good standard of hygiene at all times.

7.2 Conditions for safe storage, including any incompatibilities:

No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidizing agents. Use container made of: Plastic lined steel drum. Suitable plastic material.

7.3 Specific end use(s):
Risk Management Methods (RMM): the information required can be found in this Safety Data Sheet

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

None of the components have assigned exposure limits.

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:
Local authorities should be advised if significant spillages cannot be contained.8.2.3 Environmental exposure controls:

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Physical state:		Solid, viscous paste
Colour:		Off-white
Odour:		Odourless
pH:		Not applicable.
Melting point/range (°C):		No data available.
Boiling point/range (°C):		No data available.
Flash point (°C):		>150 (Open Cup)
Evaporation rate:		No data available.
Flammability (soild,gas):		No data available.
Ignition temperature (°C):		No data available.
Upper/lower flammability/explosive limits:		No data available.
Vapour pressure:	@ 20°C	No data available.
Vapour density:		No data available.
Relative Density (g cm^{-3})	@ 25°C	Approx. 1
Solubility:	in Water	Practically Insoluble
	in Acetone	Insoluble
	in Alcohol	Insoluble
	in Diethylether	Dispersible
	in Aliphatic hydrocarbons	Dispersible
	in Aromatic hydrocarbons	Dispersible
	in Chlorinated solvents	Disperisble
Auto-ignition temperature (°C):		> 400
Decomposition temperature (°C):		No data available.
Viscosity (mm^2 s^{-1}, cSt):	@ 25°C	No data available.
Oxidizing properties:		According to the data on components: Not considered as oxidizing. (evaluation by structure-activity relationship)

9.2 Physical hazards:
Combustible.

9.3 Other information:
Not available.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Not relevant.

10.2 Chemical stability:

Stable.

10.3 Possibility of hazardous reactions:

No data available.

10.4 Conditions to avoid:

No other information noted.

10.5 Incompatible materials:

Strong oxidising agents.

10.6 Hazardous decomposition products:

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

11.1 Toxicokinetics, metabolism and distribution:

No effects expected (assessment based on ingredients).

11.2 Information on toxicological effects:

Acute toxicity:
LD50 (Oral): No effects expected (assessment based on ingredients).
LD50 (Dermal): No effects expected (assessment based on ingredients).
Skin corrosion/irritation:
No effects expected (assessment based on ingredients).
Serious eye damage/irritation:
No effects expected (assessment based on ingredients).
Respiratory or skin sensitization:
No effects expected (assessment based on ingredients).
Germ cell mutagenicity:
No effects expected (assessment based on ingredients).
Carcinogenicity:
No effects expected (assessment based on ingredients).
Reproductive toxicity:
No effects expected (assessment based on ingredients).
STOT- single exposure:
No effects expected (assessment based on ingredients).
STOT- repeated exposure:
No effects expected (assessment based on ingredients).
Aspiration hazard:
No effects expected (assessment based on ingredients).

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No effects expected (assessment based on ingredients).

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment

None reported.

12.5 Other adverse effects:

None known.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Incinerate in suitable combustion chamber.

13.2 Product/ Packaging disposal:

Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

14 TRANSPORT INFORMATION

14.1 General:

This material is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by road (ADR), rail (RID), air (IATA) or sea (IMDG)

14.2 UN-no:

Not applicable.

14.3 Transport hazard class(es)

14.3.1 RID/ADR:
Not applicable.
14.3.2 IMDG:
Not applicable.
14.3.3 IATA/ICAO:
Not applicable.

15 REGULATORY INFORMATION

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

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

15.2 Chemical safety assessment:

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

16 OTHER INFORMATION

Revision Information:
Not relevant.
Key literature references and sources for data:
No data available.
Wording of the R-phrases and H-statements in section 2 and 3:
None
Training information:
No data available.
Inventory Status
Australia AICS: On or in compliance with the inventory
Canada DSL Inventory List: On or in compliance with the inventory
EU EINECS List: On or in compliance with the inventory
China Inv. Existing Chemical Substances: On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI): On or in compliance with the inventory
Philippines PICCS: On or in compliance with the inventory
US TSCA Inventory: On or in compliance with the inventory

Issued by:
Allcosil Ltd.
SDS No.:
WEB01
Date:
07/2025

For any further information please contact **Allcosil 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. Allcosil 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:07/2023**