



SAFETY DATA SHEET

DC4 Electrical insulating compound

ISSUE DATE:

30th September 2019

Section 1 : Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Dow Corning DC4 grease

1.2 Relevant identified uses of the substances or mixture and uses advised against

Insulating grease for electrical applications

1.3 Details of the supplier of the safety data sheet

Company information: Prysmian Cables and Systems Ltd
Oak Road, Wrexham Industrial Estate,
Wrexham LL13 9PH

Telephone: +44 (0)1978 66 2375

e-mail: dave.lamb@prysmian.com

1.4 Emergency telephone number: +44 (0)1978 66 2216

Section 2 : Hazards identification

This product is a mixture

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Not classified as hazardous.

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Labelling not required.

2.3 Other hazards

No danger to health under normal conditions

Section 3 : Composition / information on ingredients

This product is a mixture.

No hazardous ingredients.

Section 4 : First aid measures

4.1 Description of first aid measures

Inhalation: No first aid should be needed
Skin Contact: No first aid should be needed
Ingestion: No first aid should be needed
Eye Contact : No first aid should be needed

4.2 Most important symptoms and effects, both acute and delayed

No specific effects and/or symptoms have been reported or are known

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 5 : Firefighting measures

5.1 Extinguishing media

On large fires use dry powder, foam or water mist. On small fires use carbon dioxide, dry powder or water spray. Water can be used to cool containers exposed to fire.

5.2 Special hazards arising from the substance or mixture

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, carbon oxides, formaldehyde.

5.3 Advice for fire-fighters

Wear self contained breathing apparatus

Section 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No specific precautions

6.2 Environmental precautions

Do not allow large quantities to enter drains or surface waters

6.3 Methods and material for containment and cleaning up

Scrape up and transfer to sealed container suitable for disposal. Spilled product presents a slip hazard.

6.4 Reference to other sections

See Section 13 for disposal information.

Section 7 : Handling and storage

7.1 Precautions for safe handling

Avoid eye contact. General ventilation is recommended. Do not empty into drains.

7.2 Conditions for safe storage, including any incompatibilities

Do not store with oxidising agents. Recommended storage temperature range: 0°C to 32°C

7.3 Specific end use(s)

See Section 1.2

Section 8 : Exposure controls / personal protection

8.1 Control parameters

No occupational exposure limits have been assigned to this material.

8.2 Exposure controls

Observe normal safety and hygiene standards.

Section 9 : Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Translucent white
Odour:	Slight
Odour threshold:	no data available
pH:	not applicable
Melting point:	not applicable
Boiling point:	not applicable
Flash point:	>300°C
Evaporation rate:	no data available
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	not applicable
Vapour density	not applicable
Relative density	>1g/cm ³ @ 20°C
Solubility in water:	Insoluble
Solubility in other ingredients:	no data available
Partition coefficient	
Octanol/water:	not applicable
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity (dynamic):	no data available
Explosion properties:	no data available
Oxidising properties:	not oxidising.

9.2 Other information

No additional data available

Section 10 : Stability and reactivity

10.1 Reactivity

Not reactive to materials commonly used in the transportation, handling and storage of industrial materials.

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Can react with strong oxidising agents

10.6 Hazardous decomposition products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, carbon oxides, formaldehyde.

Section 11 : Toxicological information

11.1 Information on toxicological effects

Acute toxicity	no data available
Repeated dose toxicity	no data available
Carcinogenicity	no data available
Mutagenicity	no data available
Toxicity for reproduction	no data available

12. Ecological information

12.1 Toxicity

No adverse effects on aquatic organisms are predicted.

12.2 Persistence and biodegradability

Solid material, insoluble in water. No adverse effects are predicted

12.3 Bioaccumulative potential

This product is not expected to bioaccumulate

12.4 Mobility in soil

Solid product with reduced mobility. No adverse effects are predicted

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Section 13 : Disposal considerations

13.1 Waste treatment methods

In accordance with the approval of the responsible local authority.

Section 14 : Transport information

14.1 UN Number

Not regulated under transport regulation.

14.2 UN proper shipping name

Not regulated under transport regulation.

14.3 Transport hazard class(es)

Not regulated under transport regulation.

14.4 Packing group

Not regulated under transport regulation.

14.5 Environmental hazards

Not regulated under transport regulation.

14.6 Special precautions for user

None identified

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC code

No data available

Section 15 : Regulatory information

This Safety Data Sheet has been prepared in accordance with the requirements of regulation (EC) No 1907/2006 as amended by regulation (EU) No 453/2010.

Relevant regulations:

Regulation (EC) 1272/2008 (EU 'CLP' regulation)

Regulation (EC) 790/2009 First Adaptation to Technical Progress (ATP) for CLP regulation

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

None applicable

15.2 Chemical safety assessment

A chemical safety assessment has not been undertaken for this mixture

Section 16 : Other information

This SDS (version 1.0) is the first version of this SDS for this product.
This information is believed to be accurate and represents the best information available to the company at this time. This information is provided as a guide to the hazards and respective safety precautions relevant to this product. This MSDS does not represent any guarantee of performance or specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein