



**SAFETY DATA**

PRODUCT NAME: Dow Corning High Vacuum Grease

PRODUCT CODE: **A-GREASE-DC****1 COMPOSITION/INFORMATION ON INGREDIENTS**Silicone compound  
No hazardous ingredients**2 HAZARD INFORMATION**

This product is not classified as hazardous.

**3 FIRST AID MEASURES**EYES: No first aid should be needed.  
SKIN: No first aid should be needed.  
INHALATION: No first aid should be needed.  
INGESTION: No first aid should be needed.**4 FIRE FIGHTING MEASURES**

Suitable extinguishing media:

- Carbon dioxide, dry powder or fine water spray.
- water can be used to cool fire exposed containers.

Special exposure hazards:

- None.

Special protective equipment:

- A self contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after fire is out.

Hazardous Combustion Products:

- Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

**5 ACCIDENTAL RELEASE MEASURES**

Personal precautions:

- Wear proper protective equipment.

Environmental precautions:

- Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

Decontamination procedures:

- Determine the need to evacuate according to site emergency plan. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled product produces extremely slippery surfaces.

**6 HANDLING AND STORAGE**

Handling:

- Avoid eye contact. General ventilation is recommended.

Storage:

- Do not store with oxidising agents.

**7 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering control measures:

- Ventilation, refer to para 6 above.

Personal protection:

- Wash hands after use.
- Avoid prolonged exposure.

**8 PHYSICAL AND CHEMICAL PROPERTIES**

Physical state	Grease
Specific gravity	1.1
Colour	Translucent white
Odour	None
Melting point	None
Flash point	100°C (closed cup)
Explosive properties	No
Viscosity	2000000 cSt at 25°C
Oxidising properties	No

**9 STABILITY & REACTIVITY**

Stability	Stable under normal use.
Conditions to avoid	None established.
Materials to avoid	Strong oxidising agents.

Hazardous Decomposition products See para 10 below.

**10 TOXICOLOGICAL INFORMATION**

Acute Health Effects:

EYES: May cause temporary discomfort.  
INHALATION: No adverse effects are normally expected.  
INGESTION: No adverse effects are normally expected.

Other health hazard:

Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air. Formaldehyde vapour is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations less than one part per million (1ppm). This product contains (a) powder(s) hazardous by inhalation. This is not relevant to the current physical form of the product, which is not in a respirable form.

**11 ECOLOGICAL INFORMATION**

Environmental: Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

Ecotoxicity effects: No adverse effects on aquatic organisms.

Bioaccumulation: No bioaccumulation potential.

Fate and effects in waste water treatment plants: Removed &gt;90% by binding onto sewage sludge. No adverse effect on bacteria. The siloxanes in this product do not contribute to BOD.

**12 DISPOSAL CONSIDERATIONS**

Product and packaging must be disposed of in accordance with local and national regulations. May be incinerated.

**13 TRANSPORT CLASSIFICATION**

Not classified as hazardous for transport by air, sea or road.

**14 REGULATORY INFORMATION**

All chemical substances in this material are included on the TSCA Inventory of Chemical Substances.