

DOW CORNING 4 ELECTRICAL INSULATING COMPOUND

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	DOW CORNING ELECTRICAL INSULATING COMPOUND
PART NUMBER	865639
SUPPLIER	QUEST CONSUMABLES LIMITED STOCK HOUSE SEYMOUR ROAD NUNEATON WARWICKSHIRE CV11 4LB
TELEPHONE	+44 (0)24 76 322126
FACSIMILE	+44 (0)24 76 322117
E MAIL	info@questconsumables.com

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

According to EU Directives 67/548/EEC or 1999/45/EC:

Not hazardous

LABEL ELEMENTS

Labelling according to EEC Directive

No special packaging or labelling requirements.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION:

Inorganic compound

According to EU Directives 67/548/EEC or 1999/45/EC

NAME: Boric Acid

CAS-No. 10043-35-3

EINECS/ELINCS NO: 233-139-2

REACH Registration Number: -

CONC (% W/W): 0.14

CLASSIFICATION: T, Toxic for reproduction - Category 2. R60 R61

According to Regulation (EC) No. 1272/2008:

NAME: Boric Acid

CAS NO: 10043-35-3

EINECS/ELINCS NO: 233-139-2

REACH Registration Number: -

CONC (% W/W): 0.14

CLASSIFICATION: Reproductive toxicity (Oral): Category 1B - H360FD

For the full text of the R-phrases mentioned in this section, see Section 16. For the full text of the H statements mentioned in this section, see Section 16. CLP classifications are based on all current available data including from known international organisations. These classifications are subject to revision as more information becomes available.

DOW CORNING ELECTRICAL INSULATING COMPOUND

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

On contact with eyes: No first aid should be needed.

On skin contact: No first aid should be needed.

If inhaled: No first aid should be needed.

On ingestion: No first aid should be needed.

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

On large fires use dry chemical, foam or water spray (fog). On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

HAZARDS DURING FIRE FIGHTING:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

SPECIAL PROTECTIVE EQUIPMENT/PROCEDURES

A self contained respirator and protective clothing should be worn. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES

Wear proper protective equipment.

ENVIRONMENTAL PRECAUTIONS

Do not allow large quantities to enter drains or surface waters.

METHODS & MATERIALS FOR CONTAINMENT & CLEANING UP

Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

SECTION 7: HANDLING AND STORAGE

ADVICE ON SAFE HANDLING

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

ADVICE ON STORAGE

Do not store with oxidizing agents.

DOW CORNING 4 ELECTRICAL INSULATING COMPOUND

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

None of the components have assigned exposure limits.

EXPOSURE CONTROLS Engineering Controls: Ventilation: Refer to Section 7.

PERSONAL PROTECTION EQUIPMENT

Respiratory Protection: This product cannot normally be inhaled.

Hand Protection: Gloves are not normally required.

Eye/Face Protection: Safety glasses should be worn.

Skin Protection: Protective equipment is not normally necessary.

Hygiene Measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating.

ADDITIONAL INFORMATION

These precautions are for room temperature handling. Used at elevated temperature or aerosol/spray applications may require added precautions.

ENVIRONMENTAL EXPOSURE CONTROLS

Refer to Section 6 and 12.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Grease
COLOUR:	Translucent White
ODOUR:	Very little
FLASH POINT:	100°C (Closed Cup)
EXPLOSIVE PROPERTIES:	No
SPECIFIC GRAVITY:	>1
OXIDIZING PROPERTIES:	No

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	None Known
STABILITY	Stable under normal usage conditions
POSSIBILITY OF HAZARDOUS REACTIONS	None Known
CONDITIONS TO AVOID	None established
MATERIALS TO AVOID:	Can react with strong oxidising agents
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products. Silica. Carbon oxides and traces of incompletely burned carbon compounds. Formaldehyde.

DOW CORNING 4 ELECTRICAL INSULATING COMPOUND

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

On contact with the eyes: May cause temporary discomfort.

On skin contact: No adverse effects are normally expected.

If inhaled: No adverse effects are normally expected.

On ingestion: No adverse effects are normally expected.

CHRONIC TOXICITY:

On skin contact: No adverse effects are normally expected.

If inhaled: No adverse effects are normally expected.

On ingestion: No adverse effects are normally expected.

TOXICOKINETICS, METABOLISM AND DISTRIBUTION

No specific information is available.

OTHER HEALTH HAZARD INFORMATION

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.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

No adverse effects on aquatic organisms are predicted.

PERSISTENCE AND DEGRADABILITY

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

BIOACCUMULATION

No bioaccumulation potential.

RELEASE TO WATERS / MOBILITY IN SOIL

Fate and effects in waste water treatment plants: No adverse effects on bacteria are predicted.

SECTION 13: DISPOSAL CONSIDERATIONS

PRODUCT AND PACKAGING DISPOSAL:

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: TRANSPORT INFORMATION

ROAD/RAIL (ADR/RID)

Not subject to ADR/RID

SEA TRANSPORT (IMDG)

Not subject to IMDG code.

AIR TRANSPORT (IATA)

Not subject to IATA regulations.

DOW CORNING 4 ELECTRICAL INSULATING COMPOUND

SECTION 15: REGULATORY INFORMATION

Safety, Health & Environmental Regulations/Legislation Specific for the Substance or Mixture:

AICS:	All ingredients listed, exempt or notified.
DSL:	All ingredients listed or exempt.
IECSC:	All ingredients listed or exempt.
EINECS:	All ingredients listed, exempt or notified (ELINCS).
ENCS/ISHL:	All ingredients listed or exempt.
KECL:	All ingredients listed or exempt.
PICCS:	All ingredients listed or exempt.
TSCA:	All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SECTION 16: OTHER INFORMATION

This product safety data sheet was prepared in compliance with article 31 and Annex II of the EU REACH Regulation as well as its relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come into contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipients sole responsibility to ensure the transfer of all relevant information from the Dow Corning Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with article 31 and Annex II of the EU REACH Regulation.

All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. Dow Corning shall not be held responsible for any defect in the product covered by this SDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European Law.

If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local Dow Corning supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary - even for the same product - between different countries, reflecting the different compliance requirements.

Source of information: Internal data and publically available information.

R60 : May impair fertility.

H360FD : May damage fertility. May damage the unborn child.