

**PRODUCT SAFETY DATA SHEET**

According to EC directive 91/155/EEC and subsequent amendments

Version: 1.0

Revision Date: 01/01/02

**DOW CORNING® SILICONE REMOVER****1. Identification of the Product.**

Commercial Name: Dow Corning® Silicone Remover  
 Name and Address of Supplier: Geocel Limited  
 Western Wood Way  
 Langage Science Park  
 Plympton  
 Plymouth  
 PL7 5BG  
 United Kingdom  
 Main Switchboard: +44 (01752) 202060  
 Main Fax: +44 (01752) 334384

**2. Composition/Information on Ingredients.**

Chemical characterisation:

**Hazardous ingredients**

Name	CAS No	%(w/w)	Symbols & Health Risk Phrases
Silica (amorphous)	112945-52-2	5-15%	Unclassified
Methyl ethyl ketone	78-93-3	<1%	FLAMMABLE (F) IRRITANT (Xi) R11 Highly flammable R36/37 Irritating to eyes and respiratory system.
Alkyl Benzene C7-C17 Sulphonic Acid	68953-90-2	>30%	HARMFUL (Xn) R22 Harmful if swallowed R34 Causes burns
C8-C15 Hydrocarbons	68551-16-1	>30%	Unclassified
Aluminium Oxide	1344-28-1	1-5%	Unclassified

(1) According to Commission Directive 88/379/EEC (Article 3 6aa)

**3. Hazards Identification.**

If ingested may cause some irritation to the mouth and upper digestive tract. May cause significant eye irritation. May cause significant skin irritation especially if exposure is prolonged and/or repeated. Unlikely to cause damage to internal organs following skin contact. Inhalation of the vapour may cause irritation to the nose and upper respiratory tract.

Not classified as "Dangerous" according to criteria for safety. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms.

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**DOW CORNING® SILICONE REMOVER****4. First Aid.**

<b>Skin:</b>	In cases of skin contact wash the skin with soap and water. Seek medical attention if skin appears damaged.
<b>Eyes:</b>	In cases of eye contact immediately wash out the eye with plenty of water for at least 10 minutes holding the eye open. Seek medical attention if symptoms persist.
<b>Inhalation:</b>	In cases of inhalation remove from exposure. Keep warm and at rest.
<b>Ingestion:</b>	If ingested wash out the mouth with water. Do not induce vomiting. Seek medical advice.
<b>Other first aid information:</b>	None Known.

**5. Fire-Fighting Measures.**

<b>Extinguishing media:</b>	Foam, sand, dry powder, fine water
<b>Unsuitable extinguishing media:</b>	Avoid using large quantities of water.
<b>Unusual fire fighting hazards:</b>	None known.
<b>Special fire fighting procedures:</b>	In case of fire, cool the storage tank with water spray. Self-contained breathing apparatus should be worn.
<b>Other recommendations:</b>	None known
<b>Combustion Products:</b>	Fumes containing carbon dioxide, carbon monoxide and sulphur dioxide may be formed in large fires.

**6. Accidental Release Measures.**

<b>Personal precautions:</b>	Wear impervious gloves/overalls, eye protection and a vapour absorbing facemask while clearing up the spillage.
<b>Precautions to protect the environment:</b>	Dispose of in accordance with state and local authority regulations. Seek advice from local waste authority or from Geocel.
<b>Cleanup procedures:</b>	Contain and collect spillage. Absorb onto sand/kieselguhr or other inert material. May make floor very slippery. Do not wash into drains. Place in plastic barrels for disposal. Do not mix with other waste materials.

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**DOW CORNING® SILICONE REMOVER****7. Handling and Storage.**

<b>Handling precautions:</b>	Use in a well ventilated area. Avoid contact with skin, eyes and clothes
<b>Storage:</b>	Keep away from sources of ignition. Do not store close to strong oxidising agents, which could aggravate any fire situation. Do not store product in direct sunlight.
<b>Unsuitable packaging materials:</b>	None known.
<b>Incompatibilities:</b>	None known
<b>Other information:</b>	None known

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### 8. Exposure Controls and Personal Protection.

**Exposure controls:** All personal protective equipment must comply with the appropriate EEC (CE) standards and should be maintained and stored to ensure continued suitability for use. Where necessary workers should be trained in the effective use of the personal protective equipment provided

#### Exposure controls for hazardous components

Name	CAS No	Exposure Limits
Silica (amorphous)	112945-52-5	6mg/m <sup>3</sup> (8hr TWA inhalable dust) 3mg/m <sup>3</sup> (8hr TWA respirable dust)
Methyl ethyl ketone	78-93-3	200ppm (OES 8hr TWA) 300ppm (15min STEL)
C8-C15 Hydrocarbon	68551-16-6	300ppm TWA (supplier recommended limit)
Aluminium oxide	1344-28-1	10ppm (OES 8hr TWA total inhalable dust) 5ppm (OES 8hr TWA respirable dust)

#### Personal protective equipment

Avoid contact with eyes, skin and clothes. Do not inhale vapour. Working procedures should be designed to minimise worker exposure to this product. Where this is not possible, the following personal protective equipment should be provided.

**Respiratory:** Adequate vapour absorbing facemask respiratory protection recommended.

**Hand:** Impervious gloves recommended

**Eye:** Chemical safety goggles recommended

**Skin:** Protective overalls and shoes/boots recommended

**Industrial hygiene:** Exercise good industrial hygiene practice. Wash hands after use especially before eating, drinking and smoking.

(1) According to Health & Safety Executive Document EH40

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**DOW CORNING<sup>®</sup> SILICONE REMOVER****9. Physical and Chemical Properties.****Appearance**

<b>Form:</b>	Gel
<b>Colour:</b>	Brown
<b>Odour:</b>	Paraffin odour

**Safety related information**

<b>PH:</b>	Not determined
<b>Boiling point/boiling range:</b>	Not determined
<b>Melting point/melting range:</b>	Not determined
<b>Flash point:</b>	Not determined
<b>Flammability (Solid, Gas):</b>	Not determined
<b>Auto flammability:</b>	Not determined
<b>Explosive properties:</b>	Not determined
<b>Oxidising properties:</b>	Not determined
<b>Vapour pressure:</b>	Not determined
<b>Specific gravity:</b>	Not determined
<b>Solubility in water:</b>	Not determined
<b>Solubility in fat:</b>	Not determined
<b>Oil/water partition coefficient:</b>	Not determined

**Other data**

<b>Vapour density (air=1):</b>	Not determined
<b>Evaporation rate (ethyl ether=1):</b>	Not determined
<b>Viscosity:</b>	1400+/-600 Poise
<b>% Volatiles:</b>	Not determined
<b>Molecular Weight:</b>	Not determined

The above information is not intended for use in preparing product specifications. Contact Geocel before writing specifications.

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**DOW CORNING<sup>®</sup> SILICONE REMOVER****10. Stability and Reactivity.**

<b>Stability:</b>	Stable
<b>Reactivity:</b>	May react with strong oxidants

**11. Toxicological Information.****Possible Health Effects**

<b>Skin (3):</b>	May produce significant skin irritation after prolonged contact
<b>Eyes (3):</b>	May cause significant eye irritation
<b>Inhalation (3):</b>	Prolonged exposure to the vapour may induce narcosis
<b>Ingestion (3):</b>	May cause some irritation of the mouth and upper digestive tract

**Other health hazard information:****LC50:****LD50:**

(1) Based on product test data

(2) Based on assessments from related products.

(3) This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

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**DOW CORNING® SILICONE REMOVER****12. Ecological Information.****Elimination (3)****Persistence:** Not determined**Degradability:** Biodegradable**Behaviour in aquatic compartment (3)****Mobility:** Do not release into surface water**Bioaccumulation:** Not determined**Ecotoxicity (3)****Aquatic:** Not determined**Terrestrial:** Not determined

(1) Based on product test data.

(2) Based on assessments from related products

(3) This information is based either on test data, extrapolation from tests on similar materials, review of component data, or a combination of these sources.

**13. Disposal Considerations.****Product disposal:** When disposing of waste or surplus material, avoid contact with the eye and skin. Wear impervious gloves/overalls, chemical safety goggles and suitable respiratory protection. Do not wash into the drains. Do not mix with other waste materials. Seek advice from the local waste authority or from Geocel.**Packaging disposal:** Packaging should be disposed of in accordance with regional and/or national regulations.

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**DOW CORNING® SILICONE REMOVER****14. Transport Information.****Road and rail (ADR/RID)**

Not subject to ADR/RID

**Sea transport (IMO)**

Not subject to IMO code

**Air transport (ICAO)**

Not subject to ICAO regulations.

**15. Regulatory Information.****EEC Supply classification and labelling (1)**Contains organic acid  
IRRITANT (Xi)

<b>R36/38:</b>	Irritating to eyes and skin
<b>S24/25:</b>	Avoid contact with skin and eyes
<b>S23:</b>	Do not breathe vapours
<b>S51:</b>	Use only in a well ventilated area
<b>S37/39:</b>	Wear suitable gloves and eye/face protection
<b>S26:</b>	Seek medical advice

(1) According to 93/18/EEC as adapted for the 3<sup>rd</sup> time to Technical Progress Commission Directive 88/379/EEC

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### DOW CORNING® SILICONE REMOVER

#### 16. Other Information.

This product safety data sheet was prepared in compliance with Council Directive 93/112/EC, 67/548/EEC and 88/379/EEC, as well as their 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 in contact with the product. If the recipient subsequently produces a formulation containing the Geocel product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the sheet in compliance with commission Directive 88/379/EEC.

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. Geocel shall not be held responsible for any defect in the products covered by this SDS should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

**Please note:** For customers sourcing Geocel products in regions other than the European Union, the Safety Data sheet will reflect the requirements of existing local legislation. This may result in a different format and presentation of hazard classification information.