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**Geocel**<sup>®</sup>**PRODUCT SAFETY DATA SHEET**

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

Version:2.0

Revision Date 24/04/06

**GEOCEL<sup>®</sup> SILICONE SEALANT REMOVER****1. Identification of the Product.**

Commercial Name: Geocel<sup>®</sup> Silicone Sealant 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
Dodecylbenzene Sulphonic Acid	27176-87-0	<30%	HARMFUL (Xn) R22 Harmful if swallowed R34 Causes burns
Kerosine : distillates,Hydrotreated light	64742-47-8	<70%	Unclassified

**3. Hazards Identification.**

Corrosive  
 Irritating to eyes, respiratory system and skin

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#### 4. First Aid.

<b>Inhalation:</b>	Remove victim to fresh air. Allow victim to rest. If you feel unwell seek medical advice.
<b>Skin:</b>	Remove contaminated clothing and shoes. Wash skin thoroughly with mild soap and water. Seek medical advice.
<b>Eyes:</b>	In cases of eye contact immediately wash out the eye with plenty of clean water for 20-30 minutes. Retract eyelids often. Contact ophthalmologist.
<b>Ingestion:</b>	Do not induce vomiting.. If swallowed, rinse mouth with water (only if the person is conscious). Give water to drink. Obtain medical attention.

#### 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>Combustion Products:</b>	When heated to decomposition, emits toxic fumes. Fumes containing carbon dioxide, carbon monoxide and sulphur oxides

#### 6. Accidental Release Measures.

<b>Personal precautions:</b>	Eliminate every possible source of ignition. 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..
<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. Use non-corrodable disposal containers. Do not mix with other waste materials.

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#### 7. Handling and Storage.

**Handling precautions:**

Use in a well ventilated area. Avoid contact with skin, eyes and clothes. Do not breathe vapours.

**Storage:**

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.

#### 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
Kerosine distillates, Hydrotreated light	64742-47-8	WEL 1000mg/m <sup>3</sup> , 150ppm

**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.

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**GEOCEL<sup>®</sup> SILICONE SEALANT REMOVER****9. Physical and Chemical Properties.****Appearance**

<b>Form:</b>	Gel
<b>Colour:</b>	Brown
<b>Odour:</b>	Aliphatic Hydrocarbons

**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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**GEOCEL<sup>®</sup> SILICONE SEALANT REMOVER****10. Stability and Reactivity.**

**Hazardous Reactions:** Under some circumstances, may corrode metals, including aluminium and zinc and generate hydrogen gas.

**Materials to avoid:** Some plastics, Strong oxidisers. Rubber

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

**Skin (3):** May produce significant skin irritation after prolonged contact

**Eyes (3):** Corrosive

**Inhalation (3):** Prolonged exposure to the vapour may induce narcosis. Irritating to respiratory system

**Ingestion (3):** May cause some irritation of the mouth and upper digestive tract

(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.

**12. Ecological Information.**

**LC50-96 hour – Fish (mg/kg):** >1000

**Biodegradation (%):** 70 after 28 days

**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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**GEOCEL® SILICONE SEALANT REMOVER****14. Transport Information.**

**UN No:** 2586  
**HI nr:** 80  
**ADR/RID**  
**Proper Shipping name:** Alkylsulphonic acids, liquid/ arylsulphonic acids, liquid  
**ADR Class:** 8  
**ADR Packing Group:** III  
**Hazard Label:** Label 8 Corrosive Substance

**15. Regulatory Information.**

**Symbol:** Corrosive, Irritant  
**R Phrase:** R34 Causes Burns  
R36/37/38 Irritating to eyes, respiratory system and skin  
**S Phrase:** S02 Keep out of reach of children  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S35 This material and its container must be disposed of in a safe way  
S36/37 Wear Suitable protective clothing and gloves  
S45 In case of accident or if you feel unwell seek medical advice immediately (show label where possible)  
S62 If swallowed do not induce vomiting. Seek medical advice immediately and show label

**16. Other Information.**

This product safety data sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC 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 Geocel Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

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 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 Geocel 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. Should you have any question, please refer to your local Geocel supplier.