



# Safety Data Sheet

## Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication. Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

Creation Date 28.01.00

Revision Date 30.10.2009

Page 1 of 14

## 1. Identification of Products

### Product Name:

781 Silicone Sealant

### Product Code:

16 85 916 008

Distributed by: Golden Coast Ltd | Fishleigh Road | Roundswell Commercial Park West | Barnstaple | Devon | EX31 3UA | Tel: 01271 378100 | e-mail: swimmer@goldenc.com

## 2. Composition

Hazardous Ingredients:	Acetoxysilane
CAS Number:	Mixture
Symbol & Health Risk Phrases:	Corrosive (C) R34: causes burns
%:	>5

Hazardous Ingredients:	Silica (amorphous)
CAS Number:	7631-86-9
Symbol & Risk Phrases:	-
%:	10

Hazardous Ingredients:	Titanium Dioxide
CAS Number:	13463-67-7
Symbol & Health Risk Phrases:	-
%:	1 *

Hazardous Ingredients:	Carbon Black
CAS Number:	1333-86-4
Symbol & Health Risk Phrases:	-
%:	0.30 *

Hazardous Ingredients:	Iron Oxide (Fe2O3)
CAS Number:	1309-37-1
Symbol & Health Risk Phrases:	-
%:	0.50 *



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 2 of 14

Hazardous Ingredients:	Mica
CAS Number:	12001-26-2
Symbol & Health Risk Phrases:	-
%:	0.50 *

### According to Commission Directive 88/379/EEC (Article 3 6a)

\*Specific coloured formulations will contain various pigment additives. The maximum concentration of each pigment, if present, is provided and Occupation Exposure Limits are listed in Section 8.

## 3. Hazard Identification

Non hazardous.

## 4. First Aid Measures

### Skin:

Wipe off and wash with soap and water.

### Eyes:

Flush with water for 15 minutes. Obtain medical attention immediately.

### Ingestion:

No first aid should be needed.

### Inhalation:

Remove to fresh air.

### Other First Aid Information:

None known.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 3 of 14

## 5. Fire Fighting Measures

### Extinguishing Media:

Foam, carbon dioxide, dry powder, fine water spray.

### Unsuitable Extinguishing Media:

None known.

### Unusual Fire Fighting Hazards:

None known.

### Special Fire Fighting Procedures:

None known.

### Other Recommendations:

None known.

### Combustion Products:

Silica, carbon dioxide and traces of incompletely burned carbon products. Formaldehyde.

## 6. Accidental Release Measures

### Personal Precautions:

Wear proper protective equipment. Avoid eye contact. Avoid prolonged or repeated skin contact.  
Do not breathe vapour.

### Precautions to Protect The Environment:

None established, do not allow large quantities to enter drain.

### Clean Up Procedures:

Scrape up and place in a container fitted with a lid.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 4 of 14

## 7. Handling and Storage

### Handling:

Local ventilation is recommended. General ventilation is required. Avoid eye contact. Avoid prolonged or repeated skin contact. Do not breathe vapour.

### Storage:

Keep container closed and store away from water or moisture.

### Unsuitable Packaging Materials:

None known.

### Incompatibilities:

None known.

### Other information:

None known.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 5 of 14

## 8. Exposure Controls / Personal Protection

### Exposure control:

Refer to Section 7.

### Exposure controls for hazardous components:

Name: Acetoxysilane  
 CAS Number: Mixture  
 Exposure limits (1) 10ppm (OES, 8hr TWA, as acetic acid).  
 15ppm (OES, 15min STEL, as acetic acid).

Name: Silica (amorphous)  
 CAS Number: 7631-86-9  
 Exposure Limits: 6mg/m<sup>3</sup> (OES, 8hr TWA tot inhale dust).  
 3mg/m<sup>3</sup> (OES, 8hr TWA, respirable dust).

Name: Titanium Dioxide  
 CAS No: 13463-67-7  
 Exposure Limits: 10mg/m<sup>3</sup> (OES, 8hr TWA tot inhale dust).  
 5mg/m<sup>3</sup> (OES, 8hr TWA, respirable dust).

Name: Carbon Black  
 CAS Number: 1333-86-4  
 Exposure Limits: 3.50mg/m<sup>3</sup> (OES, 8hr TWA).  
 7mg/m<sup>3</sup> (OES, 15min STEL).

Name: Iron Oxide (Fe2O3)  
 CAS Number: 1309-37-1  
 Exposure Limits: 5mg/m<sup>3</sup> (OES, 8hr TWA as Fe).  
 10mg/m<sup>3</sup> (OES, 15min STEL as Fe)



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 6 of 14

Name: Mica  
CAS Number: 12001-26-2  
Exposure Limits: 10mg/m<sup>3</sup> (OES, 8hr TWA tot inhale dust).  
1mg/m<sup>3</sup> (OES, 8hr TWA respirable dust).

## Personal Protective Equipment:

### Respiratory:

An organic vapour mask should be worn if the product is used in large quantities, confined spaces or in other circumstances where the OEL may be approached or exceeded.

### Hand:

Rubber or plastic gloves should be worn, where repeated or prolonged contact can occur.

### Eye:

Safety glasses.

### Skin:

Additional protective equipment is not normally required.

## Industrial Hygiene:

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

(1) According to Health and Safety Executive Document EH40.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 7 of 14

## 9. Physical and Chemical Properties

### Appearance:

Form:	Paste.
Colour:	See product name.
Odour:	Acetic acid.

pH:	Not determined.
Boiling Point / Boiling Range:	Not determined.
Melting Point / Melting Range:	Not determined.
Flashpoint:	Not determined.
Flammability (solid, gas):	Not determined.
Auto Flammability:	Not determined.
Explosive Properties:	Not determined.
Oxidising Properties:	Not determined.
Oxidising Properties:	Not determined.
Vapour Pressure:	Not determined.
Vapour Pressure:	Not determined.
Specific Gravity:	1.04
Solubility in Water:	Not determined.
Solubility in Fat:	Not determined.
Oil / Water Partition Coefficient:	Not determined.
Vapour Density (air = 1):	Not determined.
Evaporation Rate (Ethyl Ether = 1):	Not determined.
Viscosity:	Not determined.
% Volatiles:	Not determined.
Molecular Weight:	Not determined.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 8 of 14

## 10. Stability and Reactivity

### Stability:

Stable.

### Reactivity:

### Conditions to Avoid:

None known.

### Materials to Avoid:

Cures in the presence of water or moisture, releasing a small amount of acetic acid. Can react with strong oxidising agents. Hazardous decomposition products. Product may emit formaldehyde vapours at temperatures above 150°C in the presence of air.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 9 of 14

## 11. Toxicological Information

### Skin:

(3) Can irritate on prolonged or repeated contact.

### Eyes:

(3) Vapour irritates.

### Inhalation:

(3) Mildly irritating to the respiratory system.

### Ingestion:

(3) No significant effects.

### Other Health Hazard Information:

This product contains a substance which, if present as a dust or fume, presents an inhalation risk and is subject to an OEL. This is not relevant to the cured physical state of the product which is not in respirable form.

### LC50:

Not determined.

### LD50:

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.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 10 of 14

## 12. Ecological Information

### Elimination (3):

Persistence: Not known.  
 Degradeability: Not biodegradable.

### Behaviour in Aquatic Compartment (3):

Mobility: Insoluble in water.  
 Bioaccumulation: Not known.

### Ecotoxicity (3):

Aquatic: No known ecotoxic effects.  
 Terrestrial: Not known.

(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:

Can be incinerated or land-filled in accordance with local regulations.

### Packaging Disposal:

Packaging should be disposed of in accordance with regional and/or national regulations.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 11 of 14

## 14. Transport Information

UN:	Not applicable
Symbols:	Not applicable
Road & Rail Transport (ADR/RID):	No special packaging or labelling requirements.
Class:	-
Hazard Name:	-
TREM Card:	-
Sea Transport (IMO):	No special packaging or labelling requirements.
Class:	-
Packing Group:	-
Ems:	-
MFAG:	-
Proper Shipping Name:	-
IMO Marine Pollutant:	-
Air transport (ICAO):	No special packaging or labelling requirements.
Class:	-
Proper Shipping Name:	-



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 12 of 14

## 15. Regulatory Information

### EEC supply classification & labelling (1):

No special packaging or labelling requirements.

### S Phrases:

S2:	Keep out of reach of children
S24/S25:	Avoid contact with the skin and eyes
S51:	Use only in well ventilated areas

### National legislation:

For product information in other EC languages, including appropriate national legislation, please contact the sales office at the above address.

### Other regulations:

### German waste number:

55905/55907

### German water class:

1 – Slight risk of causing water pollution

### German Vbf:

Not applicable

### Ozone depleting chemicals:

No ozone depleting chemicals are present or used in manufacture.

### EINECS:

All ingredients listed or exempt

### TSCA:

Not determined



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 13 of 14

### MITI:

Not determined

### DSL:

Not determined

### AICS:

All ingredients listed or exempt

(1) According to 93/18/EEC as adapted for the third time to technical progress commission directive 88/379/EEC.



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Creation Date 28.01.00

Revision Date 30.10.2009

Page 14 of 14

## 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.

The information in this material safety data sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations and management and for persons working with or handling this product.

The manufacturer believes this information to be reliable and up to date as of the date of publication, but makes no warranty that it is. Additionally, if this material safety data sheet is more than three years old, you should contact the manufacturer to make certain that this sheet is current.

## Note:

This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.