

EN

Potting kit (order no. 085U0220)

EN

Items supplied

1 tin Sylgard 517 A, 0.5 kg
 1 tin Sylgard 517 B, 0.5 kg
 1 mixing utensil
 1 funnel

Introduction

The potting kit is used in the terminal box of a MAG 3100 sensor to obtain an IP68 10 mH₂O rating. The kit must always be used if the flow-meter is to be buried or installed in a pit or chamber. Sylgard 517 A and B Silicone Dielectric Gel is a two-component clear silicone. At indoor temperature the mixed Sylgard is liquid for about 16 hours, and after 24 hours turns gelatinous. The Sylgard remains as a jelly, but can be removed or penetrated to give access to the cable connections.

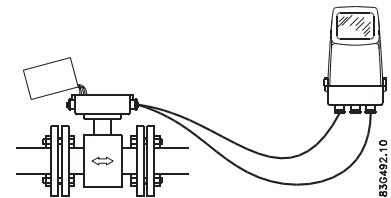
Mixing together

Pour the contents of tin B into tin A and mix thoroughly. Air bubbles should be avoided. The terminal box is filled immediately after mixing the two components.

Casting

Horizontal installation

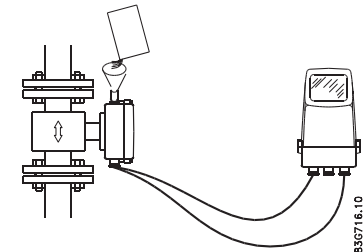
Ensure the cable is correctly installed and that cable entries and plugs are properly tightened (see handbook). Pour the mixed Sylgard into the terminal box ensuring the terminals and cables are completely covered. Check the gasket between terminal box and cover is fitted correctly and that it is not damaged. Mount the cover and tighten.



Casting

Vertical installation

Ensure the cable is correctly installed and that the cable entries are properly tightened (see handbook). Ensure the gasket between terminal box and cover is fitted correctly and that it is not damaged. Mount the cover. Dismantle one plug and pour the mixed Sylgard via the threaded sleeve into the terminal box. Re-fit the plug and tighten both plugs.



Not for use in hazardous areas.

EN We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions. Responsibility for suitability and intended use of this instrument rests solely with the user. Copyright © Siemens AG 04.2014 All Rights Reserved. Technical data subject to change without prior notice.

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www.siemens.com/flowdocumentation

Order no.: 083R9042
 Literature no.: SFIDK.PI.027.K6.83



DE

Vergussmassesatz (Bestellnr. 085U0220)

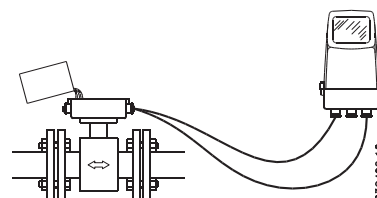
DE **Lieferumfang** 1 Dose Sylgard 517 A, 0,5 kg
1 Dose Sylgard 517 B, 0,5 kg
1 Rührstab
1 Trichter

Introduktion Der Vergussmassesatz wird zum Ausgießen des Klemmenkastens des Meßaufnehmers MAG 3100 verwendet, um die Schutzart IP68 (bis 10 m WS) zu gewährleisten. Die Vergießmasse sollte auch bei Erdverlegung des Meßaufnehmers verwendet werden. Sylgard 517 A und B ist ein klares Zweikomponenten-Silikon. Bei Raumtemperatur ist das gemischte Sylgard ca. 16 Stunden fließfähig und nach 24 Stunden gallertartig. Sylgard bleibt auch nach dieser Zeit noch zähflüssig und kann bei einer eventuellen Reparatur wieder entfernt werden, um an die Kabelanschlüsse zu gelangen.

Mischen Der gesamte Inhalt der B-Dose wird unter ständigem Rühren in die A-Dose gegossen. Dabei sind Luftblasen zu vermeiden. Der Klemmenkasten sollte unmittelbar nach dem Vermischen ausgegossen werden.

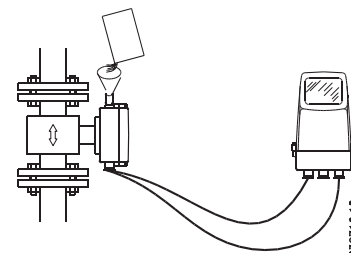
Ausgießen Vor dem Vergießen die Kabelanschlüsse kontrollieren und sicherstellen, daß die Stecker und PG-Verschraubungen richtig befestigt bzw. angezogen sind (siehe Handbuch). Das gemischte Sylgard in den Klemmenkasten gießen. Die Klemmenanschlüsse und Kabel müssen hierbei vollständig übergossen werden. Achten Sie darauf, daß die Dichtung zwischen Klemmenkasten und Deckel korrekt sitzt und nicht beschädigt wird. Anschließend den Deckel montieren.

Waagerechte Montage



Ausgießen Die Kabelanschlüsse kontrollieren und sicherstellen, daß die Verschraubungen richtig befestigt sind (siehe Handbuch). Achten Sie darauf, daß die Dichtung zwischen Klemmenkasten und Deckel korrekt sitzt und nicht beschädigt wird. Den Deckel montieren. Einen Stecker abmontieren und das gemischte Sylgard über die Gewindemuffe in den Klemmenkasten gießen. Den Stecker wieder montieren und beide Stecker anziehen.

Senkrechte Montage



Keine Anwendung in Ex-Bereichen.

DE Wir haben den Inhalt der Druckschrift auf Übereinstimmung mit der beschriebenen Hard- und Software geprüft. Dennoch können Abweichungen nicht ausgeschlossen werden, so dass wir für die vollständige Übereinstimmung keine Gewähr übernehmen. Die Angaben in dieser Druckschrift werden regelmäßig überprüft, notwendige Korrekturen sind in den nachfolgenden Auflagen enthalten. Der Benutzer ist allein verantwortlich für Eignung und Bestimmungszweck dieses Gerätes. Copyright © Siemens AG 04.2014 All Rights Reserved. Änderungen vorbehalten.

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Order no.: 083R9042
Literature no.: SFIDK.PI.027.K6.83



* 0 8 3 R 9 0 4 2 - 0 6 *

ES

Kit para rellenar (referencia 085U0220)

- ES **Ítems suministrados**
- 1 envase de Sylgard 517 A, 0,5 kg
 - 1 envase de Sylgard 517 B, 0,5 kg
 - 1 utensilio para mezclar
 - 1 embudo

Introducción

El kit para rellenar se utiliza en la caja de conexiones del sensor MAG 3100 para obtener la clasificación IP68 10 mH2O.

El kit debe utilizarse siempre que el caudalímetro deba instalarse bajo tierra, en un pozo o una cámara.

El gel dieléctrico Sylgard 517 A y B es una silicona transparente de dos componentes.

A temperatura interior, el Sylgard mezclado se mantiene líquido durante unas 16 horas y, pasadas 24 horas, se vuelve gelatinoso.

El Sylgard se mantiene como una gelatina, aunque puede quitarse o penetrarse para acceder a las conexiones de los cables.

Mezclado

Vierta el contenido del envase B en el envase A y mézclelo bien. Hay que evitar que se formen burbujas de aire. Rellenar la caja de bornes inmediatamente después de mezclar los dos componentes.

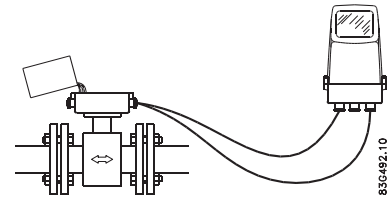
Vaciado

Instalación horizontal

Asegúrese de que el cable está bien instalado y de que las entradas y los conectores del cable están firmes (consulte el manual).

Vierta el Sylgard mezclado en la caja de conexiones asegurándose de cubrir por completo los terminales y los cables.

Compruebe que la junta entre la caja de conexiones y la tapa esté bien ajustada y que no esté dañada. Monte la tapa y fíjela.

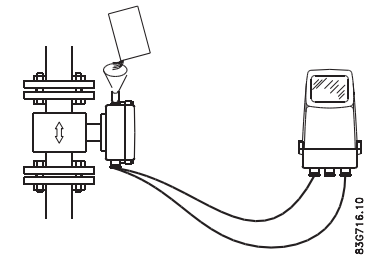


Vaciado

Instalación vertical

Asegúrese de que el cable está bien instalado y de que las entradas del cable están firmes (consulte el manual). Compruebe que la junta entre la caja de conexiones y la tapa esté bien ajustada y que no esté dañada. Monte la tapa.

Desmonte uno de los tapones y vierta el Sylgard mezclado en la caja de conexiones a través del orificio para la glándula. Vuelva a colocar el tapón y asegure el cierre de ambos.



No usar en áreas peligrosas.

ES Hemos comprobado la concordancia del contenido de esta publicación con el hardware y el software descritos. Sin embargo, como es imposible excluir desviaciones, no podemos hacernos responsables de la plena concordancia. El contenido de esta publicación se revisa periódicamente; si es necesario, las posibles las correcciones se incluyen en la siguiente edición. La responsabilidad relativa a la conveniencia y al uso propuesto de este instrumento es exclusivamente del usuario.
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Order no.: 083R9042
Literature no.: SFIDK.PI.027.K6.83



* 0 8 3 R 9 0 4 2 - 0 6 *

(FR)

Kit submersible (N° de référence 085U0220)

(FR)

Pièces fournies

1 boîte Sylgard 517 A, 0,5 kg
 1 boîte Sylgard 517 B, 0,5 kg
 1 bâtonnet
 1 entonnoir

Introduction

Le kit submersible est utilisé pour rendre IP68 (10 m CE) la section de mesure MAG 3100. Ce kit doit être systématiquement utilisé si la section de mesure est enterrée. Le gel silicone diélectrique à deux compo-sants utilisé se compose de Sylgard 517 A et B. A la température ambiante, le mélange reste fluide durant 16 heures et devient gélatineux après 24 heures. Le fait que ce produit ne durcisse pas complètement permet le démontage éventuel ou la réparation de la section de mesure.

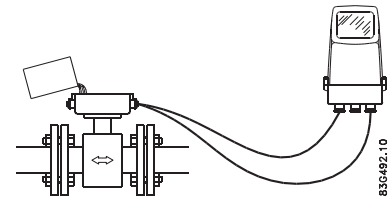
Préparation

Verser la totalité du produit B dans le récipient du produit A, en évitant les bulles d'air. Mélanger les deux produits et remplir immédiatement la boîte de connection de la section de mesure.

Remplissage

Installation horizontale

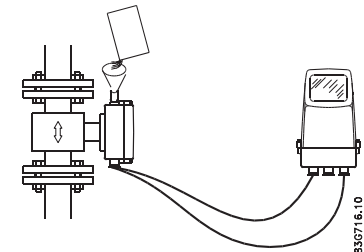
Vérifier que le câblage est correct et que les borniers et les presse-étoupes sont parfaitement serrés (voir manuel). Verser l'intégralité du silicone dans la boîte de connection et vérifier que le bornier et les entrées de câbles sont bien recouverts. Vérifier que le joint de couvercle est placé correctement et qu'il ne peut être endommagé. Placer le couvercle et serrer.



Remplissage

Installation verticale

Vérifier que le câblage est correct et que les borniers sont parfaitement serrés (voir manuel). Vérifier que le joint entre la boîte à bornes et le couvercle est placé correctement et qu'il ne peut être endommagé. Démonter l'un des presse-étoupes et verser l'intégralité du silicone par le filet femelle dans la boîte à bornes. Replacer le presse-étoupe et serrer les deux presse-étoupes.



Ne pas utiliser dans des zones dangereuses - (zonage ATEX)

(FR) Nous avons vérifié la conformité du contenu du présent document avec le matériel et le logiciel qui y sont décrits. Ne pouvant toutefois exclure toute divergence, nous ne pouvons pas nous porter garants de la conformité intégrale. Si l'usage de ce manuel devait révéler des erreurs, nous en tiendrons compte et apporterons les corrections nécessaires dès la prochaine édition. La responsabilité concernant l'usage approprié et prévu de l'instrument incombe à l'utilisateur. Copyright © Siemens AG 04.2014 All Rights Reserved. Sous réserve de modifications techniques.

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Order no.: 083R9042
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PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 1.3
Revision Date: 29.10.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name	:	SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)	
Company	:	Dow Corning S.A. rue Jules Bordet - Parc Industriel - Zone C B-7180 Seneffe Belgium	
Service	:	Dow Corning Central Europe	Tel: +49 6112371 Fax: +49 611237609
		Dow Corning Northern Europe	Tel: +44 1676528000 Fax: +44 1676528001
		Dow Corning Southern Europe	Tel: +33 472841360 Fax: +33 472841379
Emergency Phone Number	:	Dow Corning (Barry U.K. 24h)	Tel: +44 1446732350
		Dow Corning (Wiesbaden 24h)	Tel: +49 61122158
		Dow Corning (Seneffe 24h)	Tel: +32 64 888240
E-mail address (Safety Data Sheet)	:	sdseu@dowcorning.com	
Use of the substance/preparation	:	Electrical and electronic applications	

2. HAZARDS IDENTIFICATION

Not hazardous according to article 31 and Annex II of the EU REACH Regulation and its subsequent amendments.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Silicone

Hazardous Ingredients:

Name	CAS-No.	EINECS/ ELINCS No.	Conc. (% w/w)	Classification
No hazardous ingredients.				

4. 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.

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 1.3
Revision Date: 29.10.2007**SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)****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.
- 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.
- 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.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
- Methods for cleaning up** : Determine the need to evacuate or isolate the area according to your local 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 an extremely slippery surface.

7. HANDLING AND STORAGE

- Advice on safe handling** : Avoid eye contact. General ventilation is recommended.
- Advice on storage** : Do not store with oxidizing agents.
- Specific uses** : Refer to technical data sheet available on request.
- Unsuitable packaging materials** : None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 1.3
Revision Date: 29.10.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)

Engineering Controls : Ventilation : Refer to Section 7

Exposure controls for hazardous components

Name	CAS-No.	Exposure Limits
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None of the components have assigned exposure limits.

Personal protection equipment

Respiratory protection : Respiratory protection is not normally required.

Hand protection : Gloves are not normally required.

Eye 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, drinking or smoking.

Environmental exposure controls : Refer to section 6 and 12.

Additional information : These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these types of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Liquid **Colour:** Colorless **Odour:** None

Important health, safety and environmental information

Boiling point/range : > 65 °C

Flash point : 121 °C (Pensky-Martens Closed Cup)

Explosive properties : No

Specific Gravity : 0.97

Viscosity : 415 cSt at 25°C.

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 1.3
Revision Date: 29.10.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)

Oxidizing properties : No

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

10. STABILITY AND REACTIVITY

Stability : Stable under normal usage conditions.

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.

11. TOXICOLOGICAL INFORMATION

On contact with 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.

Other Health Hazard Information : Product may emit formaldehyde vapour at temperatures above 180°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

¹ Based on product test data.

² Based on test data from similar products.

12. ECOLOGICAL INFORMATION

Environmental fate and distribution

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 > 90% by binding onto sewage sludge. No adverse effects on bacteria. The siloxanes in this product do not contribute to the BOD.

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 1.3
Revision Date: 29.10.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)

Additional environmental information

Additional environmental information on the silicone component is available on request.

13. DISPOSAL CONSIDERATIONS

Product 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.

Packaging disposal : Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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.

15. REGULATORY INFORMATION

Labelling according to EEC Directive

No special packaging or labelling requirements.

National legislation / regulations

Ozone depleting chemicals : No ozone depleting chemicals are present or used in manufacture.

Status

EINECS : 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.

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 1.3

Revision Date: 29.10.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART A information is below)**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 in contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipient's 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. Should you have any question, please refer to your local Dow Corning supplier.

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.1

Revision Date: 29.11.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name	:	SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)	
Company	:	Dow Corning S.A. rue Jules Bordet - Parc Industriel - Zone C B-7180 Seneffe Belgium	
Service	:	Dow Corning Central Europe	Tel: +49 6112371 Fax: +49 611237609
		Dow Corning Northern Europe	Tel: +44 1676528000 Fax: +44 1676528001
		Dow Corning Southern Europe	Tel: +33 472841360 Fax: +33 472841379
Emergency Phone Number	:	Dow Corning (Barry U.K. 24h)	Tel: +44 1446732350
		Dow Corning (Wiesbaden 24h)	Tel: +49 61122158
		Dow Corning (Seneffe 24h)	Tel: +32 64 888240
E-mail address (Safety Data Sheet)	:	sdseu@dowcorning.com	
Use of the substance/preparation	:	Electrical and electronic applications	

2. HAZARDS IDENTIFICATION

The principal hazards of the product as supplied are:

Some hydrogen gas may be released. Hydrogen is flammable and can form explosive mixtures with air.

Not hazardous according to article 31 and Annex II of the EU REACH Regulation and its subsequent amendments.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Silicone

Hazardous Ingredients:

Name	CAS-No.	EINECS/ ELINCS No.	Conc. (% w/w)	Classification
No hazardous ingredients.				

4. FIRST AID MEASURES

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

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Version: 2.1

Revision Date: 29.11.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)

- 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.

5. FIRE FIGHTING MEASURES

- Suitable extinguishing media** : On large fires use AFFF alcohol compatible foam or water spray (fog). On small fires use AFFF alcohol compatible foam, CO2 or water spray (fog). Water can be used to cool fire exposed containers. Most fire extinguishing media will cause hydrogen release. Thus, in poorly ventilated or confined spaces, the accumulation of hydrogen may result in flash fire or explosion if ignited. Applying foam may release flammable hydrogen gas that can be trapped under the foam.
- Unsuitable extinguishing media** : Dry powder. Do not allow extinguishing medium to contact container contents.
- Hazards during fire fighting** : None known.
- 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.
- 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. Hydrogen.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear proper protective equipment.
- Precautions to protect the environment** : Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.
- Methods for cleaning up** : Determine the need to evacuate or isolate the area according to your local emergency plan. Very large spills should be contained by bunding, etc... procedures. Mop, wipe or soak up with absorbent material and place in a vented container. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE

- Advice on safe handling** : Avoid eye contact. General ventilation is required.

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.1
Revision Date: 29.11.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)

Advice on storage	:	Keep container closed and store away from water or moisture. This product may evolve hydrogen on storage.
Specific uses	:	Refer to technical data sheet available on request.
Unsuitable packaging materials	:	Do not store in or use glass containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls : Ventilation : Refer to Section 7

Exposure controls for hazardous components

Name	CAS-No.	Exposure Limits
------	---------	-----------------

None of the components have assigned exposure limits.

Personal protection equipment

Respiratory protection : Respiratory protection is not normally required.

Hand protection : Gloves are not normally required.

Eye 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, drinking or smoking.

Environmental exposure controls : Refer to section 6 and 12.

Additional information : These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions. For further information regarding the use of silicones / organic oils in consumer aerosol applications, please refer to the guidance document regarding the use of these types of materials in consumer aerosol applications that has been developed by the silicone industry (www.SEHSC.com) or contact the Dow Corning customer service group.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form: Liquid **Colour:** Colorless **Odour:** None

Important health, safety and environmental information

PRODUCT SAFETY DATA SHEET

According to article 31 and Annex II of the EU REACH Regulation

Version: 2.1

Revision Date: 29.11.2007

SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)

Boiling point/range	:	> 100 °C
Flash point	:	238 °C (Cleveland Open Cup) 100 °C (Closed Cup)
Explosive properties	:	No Some hydrogen gas may be released. Hydrogen is flammable and can form explosive mixtures with air.
Specific Gravity	:	0.972
Viscosity	:	415 cSt at 25°C.
Oxidizing properties	:	No

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

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal usage conditions.
Conditions to avoid	:	None established.
Materials to avoid	:	Hydrogen is liberated on contact with water, alcohols, acidic or basic materials, many metals or metallic compounds and can form explosive mixtures in air. 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. Hydrogen.

11. TOXICOLOGICAL INFORMATION

On contact with 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.
Other Health Hazard Information	:	Product may emit formaldehyde vapour at temperatures above 180°C in the presence of air. Formaldehyde vapour is a suspected carcinogen, toxic by inhalation and irritating to eyes and the respiratory system. Exposure limits should be strictly respected.

¹ Based on product test data.

² Based on test data from similar products.

12. ECOLOGICAL INFORMATION

PRODUCT SAFETY DATA SHEET
According to article 31 and Annex II of the EU REACH RegulationVersion: 2.1
Revision Date: 29.11.2007**SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)****Environmental fate and distribution**

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 > 90% by binding onto sewage sludge. No adverse effects on bacteria. The siloxanes in this product do not contribute to the BOD.

Additional environmental information

Additional environmental information on the silicone component is available on request.

13. DISPOSAL CONSIDERATIONS

Product 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.

Packaging disposal : Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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.

PRODUCT SAFETY DATA SHEET
According to article 31 and Annex II of the EU REACH RegulationVersion: 2.1
Revision Date: 29.11.2007**SYLGARD(R) 517 DIELECTRIC GEL PARTS A AND B (PART B information is below)****15. REGULATORY INFORMATION****Labelling according to EEC Directive**

S-phrases : S9 Keep container in a well-ventilated place.
S16 Keep away from sources of ignition - no smoking.

National legislation / regulations

Ozone depleting chemicals : No ozone depleting chemicals are present or used in manufacture.

Status

EINECS : 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.

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 in contact with the product. If the recipient subsequently produces a formulation containing the Dow Corning product, it is the recipient's 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. Should you have any question, please refer to your local Dow Corning supplier.