



CONTACT

Germany

Dr. Dietrich Müller GmbH
Hauptsitz und Werk Flexibles
Zeppelinring 18
26197 Ahlhorn
+49 4435 97 10-318
+49 4435 97 10-11
info@mueller-ahlhorn.com

USA

Dr. Dietrich Mueller GmbH - Sales office
USA
1201 N. Orange Street Suite 7160
19801 Wilmington, Delaware
United States
+1 302 4988371
+1 302 4988372
info.usa@mueller-ahlhorn.com

United Kingdom

Dr. Dietrich Mueller (UK) Ltd.
49 Greek Street
London W1D 4EG
United Kingdom
+44 20 80894197
+44 20 80894198
info.uk@mueller-ahlhorn.com

China

Dr. Dietrich Mueller GmbH.
Level 8, International Finance Center,
Tower 2, 8 Century Avenue
200120 Shanghai, Pudong
China
info.china@mueller-ahlhorn.com

ABOUT OUR COMPANY

Dr. Dietrich Müller GmbH is a global solution provider for electrical insulation materials, thermally conductive products, seals and technical films.

We advise on the selection of the right material and manufacture precision parts from flexible and rigid materials. We operate 6 sites and provide services to companies around the world.

We are ISO 9001 and ISO 14001 certified and UL listed as a repackager (E341377).

The following datasheet is not subject to the Modification Service.

Product Data



2-part Addition Type Potting Silicone Rubber

CX-980(0.6T)-A/B

CX-980(0.6T) is Solventless addition cure type liquid silicone rubber for potting.

Features

- * Composition free of solvent and solvent odor Low viscosity – easily pourable last cure time
- * Excellent high and low temperature resistance : from -50°C to 200°C

Applications

- * Potting and others

Physical properties

1) Before curing

Properties	Unit	CX-980(0.6T) Part A	CX-980(0.6T) Part B
Appearance	-	Black	White
Specific gravity	-	1.60±0.05	1.60±0.05
Viscosity	cps	2,500±500	1,400±400
Mixing ratio(weight)	-	1 : 1	
Mix density	-	1.60±0.05	
Working time(23°C)	min	<60	
Curing time (50°C)	min	60	

2) After curing

Properties	Unit	A+B = 1 + 1 (weight ratio)
Hardness	Shore A	52±5
Thermal Conductivity	W/m.K	0.6
Volume Resistivity	Ω.cm	1.0 x 10 ¹⁴ Min
Dielectric constant	60Hz	≤ 4.0
Dielectric strength	kV/mm	20

The above data should not be used for warranty purposes.

How to use

- * Mixing method

Mix A and B completely in accordance with (volume ratio, weight ratio – 1:1)

- * Mixing Precautions

Avoid prolonged exposure of the mixture to the air.

Check if the product is mixed well when it is first mixed.

(Check test method : Working & Curing time)

Caution

Product Data



2-part Addition Type Potting Silicone Rubber

CX-980(0.6T)-A/B

- * Avoid direct rays of the sun and keep in cool and dry place.
- * Keep out of the reach of the children.
- * Use with adequate ventilation and avoid prolonged breathing of vapors.
- * Prolonged or repeated skin contact might cause irritation.
- * In the event of eye contact wash thoroughly with water and consult a physician immediately.
- * Don't use except for the original purpose.
- * Certain materials, chemicals can inhibit the cure (organic-tin catalyst, sulfur, polysulfide, polysulfones or Other sulfur containing materials, unsaturated hydrocarbon plasticizers)

Package and Storage

- * Package: 40 kg per set. Part A 20 kg + Part B 20 kg
- * Storage: Store in dry place for 12 months (room temp.)

Product Information

Refer to the Material Safety Data Sheet (MSDS) for product safety information required for safe use.
Refer to MSDS and container labels for safe use, physical and health risk information.

Warranty Information – Please read carefully

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that ChemsolKorea's products are safe, effective, and fully satisfactory for the intended end use. ChemsolKorea's sole warranty is that the product will meet the ChemsolKorea sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted. ChemsolKorea specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless ChemsolKorea provides you with a specific, duly signed endorsement of fitness for use, ChemsolKorea disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.

The date of issue

The first of issue : 2018. 10. 06

The revised of issue : 2023. 02. 15



The information contained herein is accurate to the best of Chemsol Korea Co., Ltd

the knowledge and belief of Chemsol Korea Co., Ltd. However, due to variations in conditions, methods, and equipments used, full scale testing and end product performance are the responsibility of the users. If you have any problems, please contact us. We will provide every possible support for you to achieve successful results.

Ryan Building (16072), 16, Malgeunnae-gil, Uiwang-si, Gyeonggi-do, Republic of Korea
PHONE : 82 31 476 9475 FAX : 82 31 476 9488