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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

Conformal Coating Silicone

CX-940

CX-940 RTV Conformal Coating is a high viscosity, self-leveling, readily available, room temperature curing silicone elastomer.

KEY FEATURE

- * Conformal coating can be used for easy-to-corrosion of electrical/electronic equipment
- * Wear-resistant elastomer
- * Excellent electrical insulation properties
- * Simple and easy-to-use one-component system

TYPICAL APPLICATION

- * Insulating adhesive seal and coating for electrical and electronic parts
- * Waterproof sealant for electrical, electronic and communication equipment

TYPICAL PROPERTY DATA

► Uncured Properties

Properties	Unit	CX-940
Appearance	-	Transparent
Viscosity	cps	28,000~40,000
Tack-free Time (25°C, RH50%)	min	<70
Corrosion	-	None

► Cured Properties (7days@25°C/RH50%)

Appearance	-	Elastic rubber
Specific gravity	-	1.03
Hardness	Shore A	30
Tensile Strength	kgf / cm ²	29
Elongation	%	400
Dielectric constant	100Hz, 100kHz	2.5, 2.5
Volume resistivity	Ohm-cm	2.1x10 ¹⁴
Dielectric strength	kV/mm	16

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HANDLING AND SAFETY

- * Wear eye protection when handling uncured sealant as it can irritate eyes.
- * In case of eye contact, immediately flush eyes well with water and contact a physician.
- * Extended contact with the skin may cause irritation and should be avoided.

STORAGE

- * Store in a cool, dry place out of direct sunlight.
- * Keep out of the reach of children.

PACKAGING AND STORAGE LIFE

- * 300ml cartridge available in case of 25
- * At least 12 months from the date of manufacture

OTHER PRODUCT INFORMATION

For more information, please refer to M.S.D.S.. Products which passed validity should be disposed according to the environmental regulations.



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.

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