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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

One-part, translucent, medium viscosity conformal coating

CX-8600(LV)

CX-8600(LV) is suitable for use as a protective coating for rigid and flexible circuit boards and for PCB system Printed Wiring Board (PWB) applications, particularly those requiring toughness and abrasion resistance.

KEY FEATURES

- * Cures to tough, elastoplastic resilient, abrasion resistance surface
- * Solvent-borne resin coating with much lower odor
- * Room temperature cure, no ovens required
- * Optional mild heat acceleration can speed in-line processing
- * UV indicator allows for automated inspection
- * Waterproof coating for electrical, electronic and communication equipment

APPLICATIONS

- * PCB system Printed Wiring Board (PWB)

TYPICAL PROPERTIES

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Property	Results	Unit
Appearance	Translucent	
Viscosity (at 25°C)	700 ±200	cP
Nonvolatile Content	>30	%
Specific Gravity	0.88	
Skin Over Time	<7	Min
Hardness	75±5	Shore A
Insulation strength	21	kV/mm
Volume Resistivity	1.0 * 10 ¹⁴	Ohm*cm
Working temperature	-55 ~ 200	°C

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

- * Wear safety glasses when handling uncured coatings as they can irritate your eyes.
- * If you come into contact with your eyes, wash them with water immediately and contact your doctor.
- * Long-term contact with the skin can cause irritation and should be avoided.
- * The viscosity increases when stored at low temperatures (20°C or lower). This is a physical change. After storing

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it at room temperature (25°C) for more than 24 hours,

It recovers to the usable viscosity when used. Additionally, individual cans can reduce viscosity recovery time than box conditions.

(This may vary depending on the environment and is based on data from Chemsol Laboratory.)

How to store it.

- * Special care should be taken to prevent the product from contacting moisture.
- * The container should be tightly closed and the empty space on the top should be minimized.
- * It is recommended to store at room temperature (25°C) as much as possible, and when storing at low temperature (20°C or less), leave it at room temperature (25°C) for more than 24 hours before using it.

PACKAGING AND STORAGE LIFE

- * 15kg/pail, 1kg/can
- * 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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