

FLEX-C-MENT™
TECHNICAL DATA SHEET

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SECTION 1 – Identification of substance

Product details: Product Code FCMFLXSSPSG/SM

Trade name: FLEX-C-MENT™ Flex Seal Supreme SG/SM

Article Number: 00006

Application of the substance / the preparation: Solvent Based Acrylic Sealer for concrete overlays

Supplier

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SECTION 2- Hazards identification



Xn : Harmful

- R10 flammable
R20/21 harmful by inhalation and in contact with skin
R36/37/38 irritating to eyes, respiratory system and skin
R42 may cause sensitization by inhalation
R43 may cause sensitization by skin contact

Flammable. Harmful by inhalation. May cause sensitization by inhalation. Repeated exposure may cause skin dryness or cracking

SECTION 3 - Composition/information on ingredients

No hazardous materials present at this product	Cas No:	EC No:	Pre-Registration Ref. Number
Acrylic Copolymer (modified acrylic resin)	151-21-3	205-788-1	05-2115119871-48-0000
Solvent Mixture (Xylene)	8026-09-3	215-535-7	05-2117964661-36-0000
Silica matting agent (silicon dioxide)	112945-52-5	231-545-4	05-2117965068-33-0000

SECTION 4 – Handling and Storage

Keep container dry and tightly closed in a cool and well ventilated place. Further information on the storage conditions which must be observed to preserve quality can be found in our product information sheet.

Ensure adequate ventilation or exhaust ventilation in the working area.

Exhaust ventilation necessary if products sprayed.

Avoid contact with skin and eyes.

Provide adequate ventilation and if necessary, air extraction in working areas. Explosion protection required.

SECTION 5-Exposure Controls/Personal Protection

Wear suitable protective clothing, protective gloves and protective goggles/mask. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended.

In case of hypersensitivity of the respiratory tract (e.g. asthmatics and those who suffer from chronic bronchitis) it is inadvisable to work with the product. Symptoms affecting the respiratory tract can also occur several hours after overexposure.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of the work. Keep working clothes separate. Take off immediately all contaminated clothing.

SECTION 6-Physical and Chemical Properties

Form : Viscous clear liquid

Color : Transparent

Odor : Smell of solvent

Initial boiling point : Approximately 109 °C

Density : Approximately 910 kg/cm³ at 20 °C

Approximately 300-500 mPa at 23°C Viscosity

Solubility in water : Insoluble

Flash point : < 28°C

Evaporation rate : (BAC=1) <1

SECTION 7 - Stability and Reactivity

Hazardous decomposition products: No hazardous decomposition products when stored and handled correctly. No reaction with water and organic solvents.

SECTION 8 – Technical Information

BINDER TYPE: Thermoplastic Acrylic Resin

VISCOSITY: 75-80 Sec .Ford Cup 4/25°C

SPECIFIC GRAVITY: 0.98-0.99 gr/cm³

SOLID CONTENT(Weight %): 30-32 %

RECOMENDED FILM THICKNESS: 20 micron dry-film as a single coat.

COVERAGE(at recommended film thickness):250 gram / sqm

DRYING TIMES: :Touch dry after 15-20 min ; Hard dry 12 hours at 25 ° C and 65% relative humidity .

At temperatures below 10 °C or conditions of high humidity ,the drying time will be extended.

GLOSS VALUE(60°): 85 High gloss

FLASH POINT:28 ° C

THINNING / THINNING RATIO: Do not dilute / Ready to use

STORAGE TEMPERATURE: Do not keep above the temperature of +35 °C.

SHELF LIFE: 2 years in non-opened original can and under proper storage conditions.

SECTION 9 – Other Information

The data contained herein are furnished for information only and are believed to be reliable. However, DBS LTD does not assume responsibility for any results obtained by persons over whose methods DBS LTD has no control. It is the user's responsibility to determine the suitability of DBS's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of DBS's products. In light of the foregoing, DBS LTD specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of DBS LTD's products. DBS LTD further disclaims any liability for consequential or incidental damages of any kind, including lost profits.