



MATERIAL SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

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SECTION 1 – Identification of substance

Product details: Product Code FCMFLXSEX

Trade name: FLEX-C-MENT™ Flex Seal EXTRA

Article Number: 00029

Application of the substance / the preparation: Water Based Acrylic Sealer for vertical overlays

Manufacturer/Supplier

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SECTION 2- Hazards identification



Xi : Irritant

R36 irritating to eyes

R37 irritating to respiratory system

R38 irritating to skin

R43 may cause sensitization by skin contact

Skin: None expected, however, prolonged contact may cause irritation.

Eyes : Contact with eyes may cause irritation.

Ingestion: May cause gastric distress, vomiting and diarrhea.

Carcinogenicity:

NTP : No

IARC MONOGRAPHS: No

OSHA REGULATED: No

No additional information.

Medical Conditions Generally Aggravated by Exposure: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.

SECTION 3 - Composition/information on ingredients

No hazardous materials present at this product

	Cas No:	EC No:
Acrylic Copolymer	151-21-3	205-788-1
Solution of polyether modified siloxane	34590-94-8	252-104-2
2-amino 2-methyl 1 propanol	124-68-5	204-709-8
5 chloro 2 methyl 2,3 dihydroisothiazol	26172-55-4	247-500-7
Water	7732-18-5	231-791-2

SECTION 4- First aid measures

Eyes: Flush with plenty of water(10-15 min)

Skin: Wash away with soap and water and rinse. Do NOT use solvents or thinners!!

Inhalation: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside. Inhalation of large amounts of Flex Seal requires immediate medical attention.

Ingestion: call a physician immediately.

SECTION 5- Fire-fighting measures

Flash point.....Noncombustible

Auto-ignition TemperatureNot Applicable

Lower Explosive Limit..... Not Applicable

Upper Explosive Limit.....Not Applicable

Material can splatter above 100°C/212 F . Dried product can burn. Use extinguishing media (Carbon dioxide, foam, sand, water) for surrounding fire. Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Mixture HMIS RATING

Health = 0 Fire = 0 Reactivity = 0

SECTION 6 - Accidental release measures

Personal precautions: No particular measures required

Enviromental precautions:No particular measures required

Methods for cleaning up/taking up: Wash off exhausted ink with cleaning cloths. Was away or put into house hold refuse.

SECTION 7 – Handling and Storage

Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other out of reach of children.

SECTION 8-Exposure Controls/Personal Protection

Eye Protection: Recommended for general protection

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Respiratory protection:

Not required; however, if misting occurs, NOISH approve respirator capable of removing particulate from air must be worn.

Protection of skin: Wear protective gloves.

Ventilation:

Local Exhaust: Not necessary

Mechanical (General): Recommended

SECTION 9-Physical and Chemical Properties

Form : Viscous liquid

Colour : Milky white

Odor : Smell of ammonia

Initial boiling point : Approximately 100 °C

Density : Approximately 1.02 g/cm³ at 20 °C

Approximately 500 cps at 23°C Viscosity

Solubility in water : Dilutable

Flash point : N.A

Evaporation rate : (BAC=1) <1

SECTION 10 - Stability and Reactivity

This material is considered stable. However, avoid temperatures above 177° C /350 F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature. Thermal decomposition may yield acrylic monomers. Product will not undergo polymerization. There are no known materials which are incompatible with this product.

SECTION 11 - Toxicological information

See Section 2 for Hazard Identification. No recognized unusual toxicity to plants and animals.

SECTION 12 – Ecological Information

No specific studies have been conducted by DBS on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, groundwater, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

SECTION 13 - Disposal considerations

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer.

Special waste recommendations: 573 03 Dispersions or Emulsions of plastic material

SECTION 14 – Transport Information

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Not regulated

Hazard class or division: None

Identification number: None

Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Not regulated

Hazard class or division: None

Identification number: None

Packing group: None

Water Transportation (IMO/IMDG):

Proper shipping name: Not regulated

Hazard class or division: None

Identification number: None

Packing group: None

Exceptions: None

Marine pollutant: None known

SECTION 15 - Regulatory Information

Labeling in accordance with directive 67/548/EEC (preparations) and 88/379/EEC, this product is not hazardous.

Product related hazard information:

The product has been classified in accordance with directives on irritant materials.

Hazard symbols: Irritant

Risk phrases:

Irritating to eyes and skin.

May cause sensitization by skin contact.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Harmful: may cause damage if swallowed.

Vapors may cause drowsiness and dizziness.

Safety phrases:

- S2 keep out of reach of children
- S20 when using do not eat or drink
- S24/25 avoid contact with skin and eye
- S26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S28 after contact with skin, wash immediately with plenty of soap-suds
- S29 do not empty into drains
- S37/39 wear suitable gloves and eye/face protection
- S 46 if swallowed seek medical advice immediately and show this container or label

SECTION 16 – 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.