



MATERIAL SAFETY DATA SHEET
According to 1907/2006/EC, Article 31
In accordance with 453/2010 and 1272/2008

Issued 16-01-22

SECTION 1 – Identification Of The Substance/Mixture And Of The Company/Undertaking

1.1. Product identifier

Trade name: FLEX-C-MENT™ Liquid Color

1.2. Relevant identified uses of the substance or mixture and uses advised against

Liquid Colors are used to create the desired color intensity for both wall and floor surface coloring applications.

1.3. Details of the supplier of the safety data sheet company

DBS Insaat Taah Kimya San ve Tic Ltd Sti
Akse Mah 471 Sok No.15 Cayirova / Gebze – KOCAELI /TURKEY
Tel : +90 262 744 96 32
Fax : +90 262 744 27 14
e-mail : info@dekorbeton.com

1.4. Emergency telephone number : : +90 262 744 96 32 (Manufacturer)

In case of emergency contact toxicological information, emergency tel 112 (within Europe) or 911 (for USA and Canada). For other countries, use the built-in emergency number in your cell phone.

SECTION 2- Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with 1272/2008

Causes irritation (Category 2)

Causes irreversible eye damage (Category 1)

Specific organ toxicity - single exposure; May cause respiratory irritation (Category 3 resp)

Classification in accordance with 1999/45/EG

Irritant.

2.2. Label elements

Label information in accordance with 1272/2008

Hazard pictograms



Signal words : Irritant

Hazard statements

H315 Causes skin irritation

H318 Causes serious eye damage

R36 irritating to eyes

R37 irritating to respiratory system

R38 irritating to skin

R43 may cause sensitization by skin contact

Classification in accordance with 1272/2008

Causes irritation (Category 2)

May cause respiratory irritation (Category 3 resp)

Classification in accordance with 1999/45/EG

Irritant.

Skin: If skin contact occurs, remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.

Eyes: If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Ingestion: Rinse mouth with water. If swallowed, give a glass of water to drink. Seek medical advice.

Medical attention and special treatment: Treat symptomatically.

SECTION 3 - Composition/information on ingredients

This product consists of a heterogeneous mixture of Portland cement, sand and silica. The major compounds are:

No hazardous materials present at this product	Cas No:	EC No:	Pre-Registration Ref. Number
Iron hydroxide oxide	20344-49-4	243-746-4	05-2115117488-43-0000
Diiron trioxide	1309-37-1	215-168-2	05-2115117821-55-0000
Triiron tetraoxide	1317-61-9	215-277-5	05-2115118310-67-0000
Titanium dioxide	13463-67-7	236-675-5	05-2115118582-52-0000
Water	7732-18-5	231-791-2	05-2115121801-61-0000

Due to the use of ingredients mined from the earth's crust, trace amounts of naturally occurring, potentially harmful constituents may be detected during analysis.

SECTION 4- First aid measures**4.1. Description of first aid measures****Generally**

In case of concern, or if symptoms persist, call doctor/physician.

Upon contact with the eyes

Do not rub the eyes.

Immediately rinse with lukewarm water for 15 - 20 minutes with eyes kept wide open; If symptoms persist, call a doctor/physician.

Upon skin contact

Flush with water. Remove contaminated clothes. If symptoms occur, contact a physician.

Upon ingestion

First rinse the mouth thoroughly with a lot of water and SPIT OUT the water. Then drink at least 1/2 liter of water and call a doctor/physician. Do NOT induce vomiting.

4.2. Indication of any immediate medical attention and special treatment needed

When contacting a physician, take this SDS with you.

SECTION 5- Fire-fighting measures

5.1. Hazards from combustion products:

Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes.

5.2. Precautions for fire fighters and special protective equipment:

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

5.3. Suitable Extinguishing Media:

Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

SECTION 6 - Accidental release measures

6.1. Emergency procedures:

If contamination of sewers or waterways has occurred advise local emergency services.

6.2. Methods and materials for containment and clean up:

SMALL SPILLS: Slippery when wet. Avoid accidents, clean up immediately. Collect in a container for disposal via special chemical waste collection.

LARGE SPILLS: Slippery when spilt. Avoid accidents, clean up immediately. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.

6.3. Reference to other sections

See sections 8 and 13 for more details.

SECTION 7 – Handling and Storage

7.1. Conditions for safe storage:

Store in cool place and out of direct sunlight. Keep containers closed when not in use - check regularly for leaks.

7.2. Precautions for safe handling:

Keep out of reach of children. Avoid eye contact and repeated or prolonged skin contact.

SECTION 8 - Exposure Controls/Personal Protection

8.1. Exposure controls

Provide adequate ventilation. If using indoors, keep windows and doors open during use. Keep containers closed when not in use.

MANUFACTURE, PACKAGING AND TRANSPORT: Wear overalls, safety glasses and impervious gloves. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

FOR CONSUMER USE: If there is a risk of eye contact and repeated or prolonged skin contact wear gloves and safety glasses. Wash hands after use.

SECTION 9 - Physical and Chemical Properties

General Information

Form: Fluid

Color: According to product specification

Odor: Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable.
Auto igniting: Product is not self igniting.
Danger of explosion: Product does not present an explosion hazard.
Vapor pressure at 20°C (68°F): 23.0 hPa (17 mm Hg)
Density at 20°C (68°F): 1.20 g/cm³
Solubility in / Miscibility with
Water: Miscible
Solvent content: 0.0 %
Organic solvents: 0.0 %
Water: 70.0 %
Solids content (Iron oxide Pigments): 30.0 %
Volatile Organic Compounds: Not determined

SECTION 10 - Stability and Reactivity

10.1. Reactivity

When this product is dry or fluid, it is not reactive in normal environments.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

This product does not cause hazardous reaction.

10.4. Conditions to avoid

Avoid contact with foodstuffs..

10.5. Hazardous decomposition products

Does not decompose to hazardous substances.

SECTION 11 - Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product

label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: No adverse effects expected, however, large amounts may cause nausea and vomiting.

Eye contact: May be an eye irritant.

Skin contact: Contact with skin may result in irritation.

Inhalation: Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

Long Term Effects:

No information available for the product.

Toxicological Data: No LD50 data available for the product.

SECTION 12 – Ecological Information

Ecotoxicity Avoid contaminating waterways.

SECTION 13 - Disposal considerations

Disposal methods:

For small quantities: Do not pour leftover product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well ventilated area to dry out. When dry recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first.

For large quantities: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for disposal at approved land waste site.

SECTION 14 – Transport Information

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

SECTION 15 - Regulatory Information

Classification: Based on available information, not classified as hazardous according to related criterias; NON-HAZARDOUS SUBSTANCE.

Poisons Schedule: None allocated..

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.