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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Product Name: Flo-Grout EP215 - Hardener
- Other means of Identification
- UFI: -
- Product Part Number: C03/03/03/027H

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

- Use of the substance/mixture: Hardener component high strength pourable epoxy resin grout

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: DCP Saudi Co
- Address of Supplier: P.O. Box 66241, Riyadh 11576 Kingdom of Saudi Arabia
- Telephone: +966 11 461 2003
- Fax: +966 11 279 2059
- Email: Info.saudi@dcp-int.com

#### 1.4 Emergency telephone number

- Emergency Telephone: +966 11 461 2003

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Acute Tox. 4, Skin Corr. 1A, Aquatic Chronic 3, Skin Sens. 1

#### 2.2 Label elements



- Signal Word: Danger

#### Hazard statements

- H302 - Harmful if swallowed.
- H312 - Harmful in contact with skin.
- H314 - Causes severe skin burns and eye damage.
- H317 - May cause an allergic skin reaction.
- H412 - Harmful to aquatic life with long lasting effects.

## SECTION 2: Hazards identification (....)

### Precautionary statements

- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P501 - Dispose of contents/container to an authorised waste collection point
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P405 - Store locked up.
- P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 - Immediately call a POISON CENTER or doctor/physician.
- P330 - Rinse mouth.
- P264 - Wash thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.

### 2.3 Other hazards

- Contains: 2-piperazin-1-ylethylamine  
Phenol, styrenated  
Poly [oxy(methyl -1,2-ethanediyl)],  $\alpha$ -(2- amino methyl ethyl)- $\omega$ -(2- aminomethyl ethoxy)

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### 2-piperazin-1-ylethylamine

CAS Number:	140-31-8
EC Number:	205-411-0
Concentration:	10 - 30%
Categories:	Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS05, GHS07
H Statements:	H312, H302, H314, H317, H412

#### Phenol, styrenated

CAS Number:	61788-44-1
EC Number:	262-975-0
Concentration:	10 - 30%
Categories:	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1A, Aquatic Chronic 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available

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## SECTION 3: Composition/information on ingredients (....)

Symbols: GHS07, GHS09  
 H Statements: H315, H319, H317, H411

Poly [oxy(methyl -1,2-ethanediyl)],  $\alpha$ -(2- amino methyl ethyl)- $\omega$ -(2- aminomethyl ethoxy)

CAS Number: 9046-10-0  
 EC Number: 695-873-3  
 Concentration: 15 - 40%  
 Categories: Acute Tox. 4, Repr. Cat. 3, Eye Dam. 1, Aquatic Chronic 3  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS05, GHS07  
 H Statements: H302, H312, H314, H318, H412

2,4,6-tris(dimethylaminomethyl)phenol

CAS Number: 90-72-2  
 EC Number: 202-013-9  
 Concentration: 1 - 10%  
 Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS07  
 H Statements: H302, H319, H315

Bis[(dimethylamino)methyl]phenol

CAS Number: 71074-89-0  
 EC Number: 275-162-0  
 Concentration: 0.1 - 0.5%  
 Categories: Acute Tox. 4, Skin Corr. 1B, STOT SE 3  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS05, GHS07  
 H Statements: H302, H312, H314, H335

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 Get medical advice/attention if you feel unwell.

**SECTION 4: First aid measures (....)**

## Contact with skin

- Rinse skin with water.
- Remove contaminated clothing
- Call a POISON CENTER or doctor/physician.

## Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Remove contact lenses, if present and easy to do. Continue rinsing.
- Get immediate medical advice/attention.

## Ingestion

- Rinse mouth with water (do not swallow)
- Do not induce vomiting
- Seek immediate medical attention

**4.2 Most important symptoms and effects, both acute and delayed**

## Contact with eyes

- Causes serious eye damage.

## Contact with skin

- Causes burns
- May cause allergic reaction in susceptible people

## Inhalation

- No specific symptoms known.

## Ingestion

- Causes burns

**4.3 Indication of any immediate medical attention and special treatment needed**

- Treat symptomatically

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Extinguish with foam, carbon dioxide, dry powder or water spray.

**5.2 Special hazards arising from the substance or mixture**

- May give off noxious and toxic fumes in a fire

**5.3 Advice for firefighters**

- Wear self contained breathing apparatus and full protective clothing

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Ventilate area
- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.

### 6.2 Environmental precautions

- Avoid release to the environment.

### 6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- This material and its container must be disposed of as hazardous waste

### 6.4 Reference to other sections

- For personal protection see section 8
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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Do not wear contact lenses when working with this material
- Dispose of contents/container to an authorised waste collection point
- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.

### 7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Store in a cool, dry, well ventilated area.

### 7.3 Specific end use(s)

- No information available
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product

### 8.2 Exposure controls

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## SECTION 8: Exposure controls/personal protection (....)



- Ensure adequate ventilation
- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
- Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |                              |                               |
|------------------------------|-------------------------------|
| - Physical state:            | Liquid                        |
| - Colour:                    | Colourless to yellow          |
| - Odour:                     | Amine odour                   |
| - Melting point/Range:       | Not available                 |
| - Boiling Point/Range:       | No information available      |
| - Flammability:              | No information available      |
| - Lower explosive limit:     | NA% (in air)                  |
| - Upper explosive limit:     | NA% (in air)                  |
| - Flashpoint:                | >93°C                         |
| - Autoignition Temperature:  | NA                            |
| - Decomposition temperature: | NA                            |
| - pH:                        | No information available      |
| - Kinematic viscosity:       | NA mm <sup>2</sup> /s         |
| - Solubility:                | NA                            |
| - Vapour Pressure:           |                               |
| - Density:                   | 0.98 - 1.02 g/cm <sup>3</sup> |
| - Vapour Density:            | Not available                 |
| - Particle characteristics:  | NA                            |
| - Solubility in water:       | Immiscible with water         |

### 9.2 Other information

#### 9.2.1 Information with Regard to Physical Hazard Classes

No Information Available

#### 9.2.2 Other Safety Characteristics

No Information Available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

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## SECTION 10: Stability and reactivity (....)

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- No known conditions that are likely to result in a hazardous reaction/situation.

### 10.5 Incompatible materials

- No known incompatibilities when used for intended purposes.

### 10.6 Hazardous decomposition products

- No hazardous decomposition products known
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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- No information available

### 11.2 Information on other hazards

#### 11.2.1 Endocrine disrupting properties

No Information Available

#### 11.2.2 Information on other hazards

No Information Available

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## SECTION 12: Ecological information

### 12.1 Toxicity

- No information available

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulative potential

- No information available

### 12.4 Mobility in soil

- immiscible with water

### 12.5 Results of PBT and vPvB assessment

- No information available

### 12.6 Endocrine disrupting properties

- No information available

### 12.7 Other adverse effects

- No information available
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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
  - Avoid release to the environment. Refer to special instructions/Safety data sheets
  - Do not empty into drains - dispose of this material and container in a safe way
  - Dispose of contents/container to an authorised waste collection point
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## SECTION 14: Transport information



### 14.1 Air (ICAO/IATA)

- ICAO UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: III

### 14.2 Road/Rail (ADR/RID)

- ADR UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- ADR Hazard Class: 8

### 14.3 Sea (IMDG)

- IMDG UN No.: 1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
- IMDG Hazard Class: 8
- IMDG Packing Group.: III

### 14.4 Environmental hazards

- No information available

### 14.5 Special precautions for user

- No information available
- ADR Classification Code: C9
- Contains: Poly [oxy(methyl -1,2-ethanediyl)],  $\alpha$ -(2- amino methyl ethyl)- $\omega$ -(2- aminomethyl ethoxy) 2-piperazin-1-ylethylamine
- Tunnel Restriction Code: 3 (E)
- Tunnel Tank Restriction Codes: L4BN

### 14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available

### 14.7 Maritime transport in bulk according to IMO instruments



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**SECTION 14: Transport information (....)**

- No information available
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**SECTION 15: Regulatory information**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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