



Material SAFETY DATA SHEET

Formcoat GSR100

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Formcoat GSR100**

Description: Water based surface retarding gel for concrete

Manufacturer: **Ayla for Building Materials Industry & Trade**
Al-Karadeh, Arsat Al-Hindia, Baghdad
Tel.: +964 790 1488 730
www.dcp-int.com

Date Prepared: 01.11.11

MSDS Number: DCP/02/02/11

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Water, gel, sugar and inert fillers.

| Hazardous Ingredient(s) | Symbol | Risk Phrases | CAS No. | % |
|-------------------------|--------|-----------------------|---------|-------|
| Formaldehyde | T | R23/24/25, 34, 40, 43 | 50-00-0 | < 0.4 |

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

No significant hazard.

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention if irritation persists.

Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.

Inhalation: Remove from exposure – unlikely to occur.

Ingestion: Wash out mouth with water. Don't induce vomiting. Obtain medical attention.



5: FIRE FIGHTING MEASURES

| | |
|--------------------------------|--|
| Flash Point: | None. |
| Special Exposure Hazards: | Recommend NIOSH approved self contained breathing apparatus. |
| Extinguishing Media: | Same as surrounding fire. |
| Personal Protective Equipment: | Decomposition and combustion products may be hazardous. |

6: ACCIDENTAL RELEASE MEASURES

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|-----------------------------|---|
| Personal Precautions: | Wear suitable protective clothing, gloves and eye/face protection. |
| Environmental Precautions: | Prevent entry into drains, sewers and water courses. |
| Decontamination Procedures: | Soak up with inert absorbent or container and remove by best available means. Gather into containers. Dispose off as waste. Prior consent must be obtained from the local water company if discharged to sewer. |

7: HANDLING AND STORAGE

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|-----------|---|
| Handling: | Avoid skin and eye contact. Avoid breathing spray mist. |
| Storage: | Store in cool and dry area. Protect from frost. |

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

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|-------------------------|--|
| Ingestion: | Prevent eating, drinking or smoking in the area of product use. |
| Eye Contact: | Safety glasses or chemical goggles. |
| Skin Contact: | Impervious gloves (e.g. PVC). |
| Inhalation: | When mist occurs during spraying operations, wear suitable respiratory protective equipment. |
| Respiratory Protection: | In case of insufficient ventilation, wear suitable equipment. |
| Engineering Controls: | No specific ventilation requirement noted. |
| Exposure Guidelines: | None assigned. |

9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|----------------|
| Form: | Liquid |
| Colour: | Green |
| Odour: | Special |
| Flash Point (closed cup) (°C): | Not applicable |
| Autoflammability (°C): | Nonflammable |
| Relative Density (@25°C): | 1.00 – 1.10 |
| Water Solubility: | Soluble |



10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| Stability: | Stable. |
| Conditions to Avoid: | Temperature below 2°C. |
| Chemical Incompatibility: | None known. |
| Hazardous Decomposition Products: | Thermal decomposition yields oxides of carbon. |

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat > 2000 mg/kg.

Health Effects

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|----------------|---|
| On Eyes: | May cause transient irritation. |
| On Skin: | Unlikely to irritate on brief occasional exposure. |
| By Inhalation: | Mist and vapors may cause irritation to nose and respiratory tract. |
| By Ingestion: | May cause nausea, vomiting and diarrhea. |
| Chronic: | Repeated and prolonged skin contact may lead to skin disorders. |

12: ECOLOGICAL INFORMATION

| | |
|---------------------------|--|
| Environmental Assessment: | When used and disposed off as intended, no adverse environmental effects are foreseen. |
| Mobility: | Mobile liquid. Partially soluble in water. |
| Degradability: | Not known. |
| Bioaccumulation: | Not expected to be bioaccumulative. |
| Acute Fish Toxicity: | Not expected to be ecotoxic to fish/ daphnia/ algae. |

13: DISPOSAL CONSIDERATION

| | |
|---|---|
| Disposal must be in accordance with local and national legislation. | |
| Unused Product: | Dispose off through in an approved manner. Do not empty in drains, sewers or water courses. |
| Used/ Contaminated Product: | As for unused product. |
| Packaging: | the method of disposal must be acceptable to the local authority. |

14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.



15: REGULATORY INFORMATION

Hazard Label Data:

This product is **not** classified as dangerous for supply.

Safety Phrases:

S24/25

Avoid contact with skin and eyes.

16: OTHER INFORMATION

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Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.