

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY INFORMATION

- i) Product Information
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|---------------|-------------------------------|
| Product Name | : Saffrokol Gold Fix 1001 AW+ |
| Physical form | : Liquid |
| Colour | : Mild |
- ii) Company Information
- | | |
|--------------|--|
| Manufacturer | : Pankaj Petrochemical Pvt. Ltd. |
| Address | : VPO Titoli, Jind Road, Rohtak, Haryana, India. |
| Tel | : +91 8607650126 |
| Mail | : info@saffrokol.com |

2. HAZARDS INFORMATION

IW+ is a liquid waterproofing compound primarily composed of acrylic polymer emulsion, corrosion inhibitors, and other proprietary additives. The formulation is designed to enhance the durability and waterproofing properties of reinforced cement concrete.

3. COMPOSITION/ INGREDIENT COMPONENTS

Classification of the Substance: This product is not classified as hazardous according to the Globally Harmonized System (GHS). Potential Health Effects: Inhalation: May cause mild respiratory irritation. Skin Contact: Prolonged or repeated contact may cause mild skin irritation. Eye Contact: May cause mild eye irritation. Ingestion: May cause gastrointestinal discomfort if swallowed.

4. FIRST-AID MEASURES

Inhalation: Move the person to fresh air. If breathing is difficult, seek medical attention. Skin Contact: Wash affected area with soap and water. Remove contaminated clothing and wash before reuse. Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. If irritation persists, seek medical attention. Ingestion: Do not induce vomiting. Rinse mouth with water and seek medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, foam, dry chemical, or carbon dioxide. Special Hazards: The product is not flammable. However, decomposition products may include carbon monoxide and carbon dioxide. Protective Equipment: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves, and eye/face protection. Environmental Precautions: Prevent product from entering drains, sewers, and watercourses. Methods for Cleaning Up: Contain and absorb spill with inert material (e.g., sand, earth). Transfer to suitable containers for disposal. Clean spill area with water.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, and clothing. Do not breathe vapors or spray mist. Use in a well-ventilated area. Storage : Store in a cool, dry place away from direct sunlight, heat, and incompatible materials. Keep containers tightly closed when not in use.

MATERIAL SAFETY DATA SHEET

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep airborne concentrations low. Personal Protective Equipment: Respiratory Protection: Use a dust mask or respirator if necessary. Hand Protection: Wear protective gloves. Eye Protection: Wear safety goggles or face shield. Skin Protection: Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- i) Physical state : Brown Liquid, Specialized active ingredients
- ii) Color : Mild
- iii) pH value : 9 ± 2
- iv) Specific Gravity : 1.15 ± 0.03 Kg/l
- v) Chloride Content : $< 0.02\%$
- vi) Water Permeability : Passing half of the greater than of the control specimen.
- vii) Initial Setting time : Passing Reduction of initial setting time 25% more than the control.
- viii) Final Setting Time : Passing Increase of final setting time more than 25%
- ix) Compressive Strength : Passing 90% of the control

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions. Conditions to Avoid: Extreme temperatures and direct sunlight. Materials to Avoid: Strong oxidizing agents. Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

MATERIAL SAFETY DATA SHEET

11. TOXICOLOGICAL INFORMATION

On product : L o w toxicity is indicated by available date.
Under normal industrial conditions, there is no indication that the product can be considered as a health risk.
Skin contact should be avoided to prevent possible long - term or short - term Sensitation.

12. ECOLOGICAL INFORMATION

- i) Ecotoxicity : The product is miscible with water and as such could cover considerable distances if spilled into waterways. Even a small spillage will whiten the appearance of water.
: W a t e r for sewage treatment, that has been contaminated with small quantities of the product, will not affect the biomass. High concentrations may be harmful to fish and micro - organisms.
- ii) Mobility : Not established.
- iii) Persistence and degradability : **T h e r e** is only a low environmental degradation of the product.
- iv) Bioaccumulative potential : There is seemingly no tendency for bioaccumulation.
- v) Other adverse effects : Unknown.

13. DISPOSAL CONSIDERATION

The product must not be discharged directly into drains or waterways without treatment.
The Polymer content can be treated by various methods : filtration, coagulating and setting etc.
All product disposal should comply with local, national or EEC regulations.
Further information can be obtained from our environment Department.

14. TRANSPORT INFORMATION

General information : Not regulated

15. REGULATORY INFORMATION

The Product has no hazard classification and There is no labeling required.

16. OTHERS INFORMATION

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