



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : GMF – 330
Family Name : Melamine Formaldehyde Resin
Company : PT. Gelora Citra Kimia Abadi
Address : Jl. Raya Kranggan – Pringsurat Km.2 Desa Nguwet Kelurahan Kranggan
Kabupaten Temanggung, Jawa Tengah 56271, Indonesia
Contact Number : (0293) 3219966; Fax (0293) 3219968
Main Office : Kobexido Tower Lt. 5 Jl. Pasir Putih Raya Blok E-5-D Ancol Timur, Jakarta
Utara 14430, Indonesia
Contact Number : (021) 6459747 (Hunting); Fax (021) 6459780

2. HAZARDS IDENTIFICATION

Emergency Overview : May cause irritation to skin, eyes and respiratory tract.
Carbondioxide, Dry Chemicals or Halon Foam can be used on fires.

Potential Health Effects

Eye : Contact with liquid or vapours can cause severe eye irritation or injury.

Skin : Frequent or prolonged contact may cause skin irritation and dermatitis.

Ingestion : This product can cause gastrointestinal irritation, diarrhea, sweating,
weakness and headache.

Inhalation : Vapours may be irritating to the respiratory tract.

Chronic Effect/ Carcinogenicity

As concerns to formaldehyde : NTP Group 2B

: OSHA Potential Cancer Hazard

: IARC Group 2A

Element Label



3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number	Weight (%)
Melamine Formaldehyde Resin	9003 - 08 - 1	58 – 62
Formalin	50 - 00 - 0	< 0.9
Methanol	67 - 56 - 1	4 – 7
Water	7732 - 18 - 5	31 – 38

4. FIRST AID MEASURES

- Eye : Immediately flush eyes with a directed stream of water for at least 15 minutes.
If Irritation Persists, Get Medical Attention.
- Skin : Wash thoroughly with soap and water to remove from skin.
If Irritation Persists, Get Medical Attention.
- Ingestion : Rinse mouth with water and have victim drink several glasses of water, then induce vomiting by having victim tickle back of throat with finger.
Seek Medical Attention Immediately.
- Inhalation : Remove to fresh air. If breathing is difficult, have trained person administer oxygen.
If respiration stops, give mouth-to-mouth resuscitation.
Get Medical Attention Immediately.
- Note To Physicians : Treat symptomatically.
Treatment may vary with condition of victim and specifics of incident.

5. FIRE FIGHTING MEASURES

This product is difficult to burn. However, vaporizing the liquid of this product can form trace product that can burn. The result from burning of trace product cause toxic gas evolve.

Extinguishing Media :
Use carbondioxide or dry chemical.

Fire & Explosion Hazards :
Organic vapour can be explosive when ideal conditions of concentration.

Fire Fighting Equipment :
Full emergency equipment with selfcontained breathing apparatus and full protective clothing should be worn by fire-fighters.

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up

Small Spill :
Collect with sand or absorbent material and place into sealed container for proper disposal.

Large Spill :
Dike far ahead of spill for later disposal. Ventilate spill area. If possible, the spilled should be pumped or otherwise transferred to a waste container. Residual liquid should be absorbed and containerized in separate container. Dispose of material in accordance with federal, state, and local regulations.

7. HANDLING AND STORAGE

Handling :
Keep container closed for preventing accumulations. Handle and open container with care.

Storage :
Store in a cool (lower than 30°C), dry place to avoid effect of heat and moisture on resin.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment (PPE)

Respiratory Protection :

Wear a safety mask to protect from vapour.

Eye Protection :

Wear safety glasses with side shield or chemical safety goggles.

Skin Protection :

Wear impervious gloves such a polychloroprena-nitril rubber (chemical gloves).

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Colorless

Odor : Slightly Formaldehyde Odor

Specific Gravity : 1.240 – 1.255 gr/cm³ at 30°C

Viscosity : 45 – 100 cPs at 30°C

pH : 9.0 – 10

Vapour Density : Not Applicable

Freezing / Melting Point: Not Applicable

Boiling Point : Not Applicable

10. STABILITY AND REACTIVITY

Chemical Stability (Condition to Avoid) :

Avoid exposing this product to high temperature and or moisture affects product performance.

Incompatibility (Specific Materials to Avoid) :

Avoid strong oxidizing agents and strong acids.

Hazardous Decomposition Products :

Combustion can provide cabondioxide, carbonmonoxide, and nitrogen compounds

Solvent vapour can be irritating to the eyes, skin and respiratory tract.

Hazardous Polymerization :

Not known to undergo hazardous polymerization.

11. TOXICOLOGICAL INFORMATION

Formaldehyde : ihl-rat * * * LC₅₀ = 208 mg/ ms, orl rat * * * LD₅₀ = 100 mg/ Kg

Methanol : ihl-rat * * * LC₅₀ = 64000 ppm/4 h, orl rat * * * LD₅₀ = 5628 mg/ Kg

(Data are referred from RTECS)

12. ECOLOGICAL INFORMATION

No Information available for this product.

13. DISPOSAL CONSIDERATION

Dispose of this product in accordance with federal, state and local environmental control regulations.
Do not flush into the sewer.

14. TRANSPORT INFORMATION

Follow all regulation in your country.

15. REGULATORY INFORMATION

Follow all regulation in your country.

16. OTHER INFORMATION

The information presented herein was prepared for your reference in the best of our knowledge it is given in good faith but no warranty expressed or implied made.
