PT. GYUNG DO INDONESIA
PAINT FOR WOOD, PLASTIC, METAL & FLOOR

GYUNG DO PAINT

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MATERIAL SAFETY DATA SEET

1. Chemical Product & Company Identification

Product Name   : EPOXY PRIMER

Code   : GHDF-1400 CLEAR / GEH-003

Chemical Description : This is 2 component epoxy primer based on epoxy resin, polyamide.

Supplier   : PT. GYUNG DO INDONESIA
                                   Ngoro Industri Persada Blok H-03A,
                                   Ngoro Mojokerto 61385, Indonesia

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2. Composition / Information On Ingredients

Name	Cas No.	%
Epoxy resin	25036-25-3	30~40
polyamide	None	10~20
Xylene	1330-20-7	20~30
Isobutyl alcohol	78-83-1	10~20

3. Hazards Identification

NAFPA Rating   Health: 1   Fire: 0   Reactivity: 0

This product may cause eye and skin irritation and at high temperature, respiratory irritation.

- Inhalation: Inhalation of vapor or mist can cause headache, nausea, irritation of nose, throat, lungs.
- Eye contact: Direct contact with material can cause slight irritation.
- Skin contact: Prolonged or repeated skin contact can cause slight skin irritation.
- Swallowed: Harmful. It can cause lung damage.

4. First Aid Measures

- Inhalation: Remove immediately to fresh air, avoid exertion.
- Eye contact: Flush eyes with plenty of water for at least 15 minutes. Get medical aid.
- Skin contact: Wash immediately with plenty of water and soap. Get medical aid if irritation.
- Ingestion: Drink at least 2~3 glasses of water or drink. Get medical aid.

5. Fire Fighting Measures
- Special risk: Non-Flammable
- Extinguishing media: Use extinguishing media (carbon dioxide, water spray, regular foam) appropriate for surrounding fire.
- Protective equipment: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

6. Accidental Release Measures
- Personal precautions: Avoid breathing of vapors and mist. Do not ingest.
- Environmental precautions: Do not allow material to enter sewers, the soil and surface water.
- Cleaning procedures: Sweep up or absorb material, put it into a container for disposal.

7. Handling & Storage
- Handling: Apply proper ventilation, possibly combined with a local exhaust. Do not eat, smoke, or drink during use.
- Storage: Keep away from heat and flame. Store in a cool, dry place. Keep containers tightly closed.

8. Exposure Controls / Personal Protection

Engineering measures

No special ventilation requirements. Good general ventilation should be sufficient to control airborne levels. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Personal protection
- Eye: Use chemical splash-proof safety goggles or other approved eye protection.
- Skin: Impervious gloves. Impervious clothing to prevent skin contact.
- Respiration: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

9. Physical & Chemical Properties

Appearance	: Viscous transparent liquid
Solid (%, wt)	: 41±1
Density (gr/cm^3)	: 0.9~1.0
PH	: -
Flash point (°C) *	: About 25
VOC (gr/lt)	: 560

  * Drived from the solvent.

10. Stability & Reactivity

Stable under recommended storage and handling conditions.

11. Toxicological Information

No experimental data of the product available.

Respiratory exposure to the vapors may lead to coughing, dizziness, sickness, and vomiting.

Long term exposure may lead to effects of the central nervous system.

Frequent or continuous skin contact may lead to irritation and dermatitis.

12. Ecological Information

No Experimental data of the product available

13. Disposal Consideration

Waste disposal in accordance with local regulations.

Contaminated container may be reused after cleaning.

14. Transport Information

General   : Flammable liquid
UN No.   : 1263
Class   : 3
Packing class   : III
Marking

:

15. Other Information

<u>NAFPA Rating</u>

Health: 4-Danger, 3-Warning, 2-Warning, 1-Caution, 0-No unusual hazard

Flammability: 4-Danger, 3-Warning, 2-Caution, 1-Combustible if heated, 0-Not combustible

Reactivity: 4-Danger, 3-Danger, 2-Warning, 1-Caution, 0-Stable