

**Section 1. Identification of The Material And Supplier**

Product Name:	Manufacturer:
Jointing Compound	PT Knauf Gypsum Indonesia
Cornice 2 in 1 Compound	Jl. Jendral Ahmad Yani No. 84
Casting Plaster	Ds. Dawuan Tengah, Cikampek
GSP-10	Karawang 41373, West Java, Indonesia
	Telephone. +62264312678
	Fax. +62264312829

**Section 2. Hazard Identification**

Sanding of Gypsum plasters may generate excessive dust. These products contain Silica which has a maximum exposure limit, Suitable respiratory protection must be worn when any dust is produced.

Plaster powders/dust may irritate eyes or sensitive skin, dust may irritate respiratory system. An alkaline solution may be produced on contact with body moistures.

**Section 3. Composition/Information on Ingredients**

	Formula	CONC	CAS No
Casting Plaster contain			
CALCIUM SULFATE HEMIHYDRATE	CaSO <sub>4</sub> .1/2H <sub>2</sub> O	> 90%	10034-76-1
Compound product contain			
CALCIUM SULFATE HEMIHYDRATE	CaSO <sub>4</sub> .1/2H <sub>2</sub> O	> 70%	10034-76-1
CALCIUM CARBONATE	CaCO <sub>3</sub>	< 25%	1317-65-3
ANHYDROUS ALUMINUM SILICATE	Al <sub>2</sub> O <sub>9</sub> Si <sub>3</sub>	< 5%	92704-41-1
GSP-10 contains			
CALCIUM SULFATE HEMIHYDRATE	CaSO <sub>4</sub> .1/2H <sub>2</sub> O	> 75%	10034-76-1
CALCIUM CARBONATE	CaCO <sub>3</sub>	< 20%	1317-65-3
CALCIUM HYDROXIDE	Ca(OH) <sub>2</sub>	<2%	1305-62-0

**Section 4. First Aid Measure**

Eye	Flush gently with running water. Seek medical attention if irritation develops.
Inhalation	If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
Skin	Rinse skin with running water, then wash with water and soap.
Ingestion	For advice, contact a doctor. Ingestion is considered unlikely due to product form.

Advice to Doctor      The manufacturer recommends treating the patient symptomatically.

**Section 5. Fire Fighting Measures**

Flammability      Non flammable. No fire or explosion hazard exists

Fire and Explosion      Non flammable. No fire or explosion hazard exists

Extinguishing      Non flammable.

Hazhem Code      Non Allocated.

**Section 6. Accidental Release Measures**

Spillage      Collect and reuse where possible

**Section 7. Handling & Storage**

Handling      Use safe work practice to avoid eye or skin contact and inhalation. Observe good personal hygiene. Prohibit eating, drinking and smoking in contaminated areas. Wash hands before eating. Bagged products are supplied on pallets. Pallets should be lifted with a forklift truck and not stacked more than two pallets to preserve stability.

Storage      Store in cool, dry area. Removed from aluminium, diazomethane, phosphorus and foodstuffs. Ensure containers / packages are adequately labelled.

**Section 8. Exposure Controls/Personal Protection**

Ventilation      Do not inhale dust/ powder. Use with adequate natural ventilation. Where a dust inhalation hazard exist, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

Exposure	Substance	Total Inhalable	Total Respirable
	Calcium Sulfate Hemihydrate	10 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
	Calcium Carbonate	10 mg/m <sup>3</sup>	4 mg/m <sup>3</sup>
	Anhydrous Aluminum Silicate	5 mg/m <sup>3</sup>	
	Calcium Hydroxide	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
	Quartz	0.3 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

PPE      No personal protective equipment is normally required. When using large quantities or where heavy contamination is likely, wear rubber or PVA gloves and dust-proof goggles (BS EN 1662A5 are recommended). Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator (EN 149 recommended).

**Section 9. Physical & Chemical Properties**

Appearance	DRY POWDER
Odour	ODOURLESS
pH	NEUTRAL TO ALKALINE AS WET PLASTER MIX pH 7-13, DEPENDING ON GRADE
Vapour Pressure	NOT RELEVANT
Vapour Density	NOT AVAILABLE
Boiling Point	NOT RELEVANT
Melting Point	NOT AVAILABLE
Evaporation Rate	NOT RELEVANT
Solubility (water)	0.20%
Specific Gravity	NOT AVAILABLE
% Volatiles	NOT RELEVANT
Flammability	NON FLAMMABLE
Flash Point	NOT RELEVANT
Upper Explosion Limit	NOT RELEVANT
Lower Explosion Limit	NOT RELEVANT
Autoignition	NOT AVAILABLE
Bulk Density	0.7 - 1.1 g/cm <sup>3</sup>

**Section 10. Stability And Reactivity**

Stable and unreactive

**Section 11. Toxicological Information**

Health Hazard	Low irritant, due to product form.
Eye	Irritation can be experienced due to powder or wet mix splashes, the eyes must be washed out immediately, to reduce the discomfort and possibility of long term damage.
Inhalation	Plaster dust can cause short term irritation of the respiratory system, no known long term effects.
Skin	Low irritant, Prolonged and repeated contact may result in irritation and dermatitis.
Ingestion	Swallowing small quantities of powder or wet mix will not cause any significant reaction or long term damage.
Toxicity Data	CALCIUM CARBONATE (1317-65-3) LD50 (Ingestion): 6450 mg/kg [rat]. CALCIUM HYDROXIDE (1305-62-0) LD50 (Ingestion): 7340 mg/kg [rat]. 7500 mg/kg [mouse].

### **Section 12. Ecological Information**

Environment	The main component of this product are not anticipated to cause any adverse affects to plants or animals.
Mobility	Sparingly soluble in water, forms a solution and solidifies.

### **Section 13. Disposal Consideration**

Waste Disposal	Reuse where possible or return to manufacturer Alternativly, absorb with sand or similar and dispose of to an approved landfill site with accordance with local or national regulations.
----------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

### **Section 14. Transport Information**

Not classified as hazardous for transport.

### **Section 15. Regulatory Information**

FDA	Product is Manufactured for use as building construction material, agricultural applications, or other industrial application.
-----	--------------------------------------------------------------------------------------------------------------------------------

### **Section 16. Other Information**

This information is based on current knowledge and experience. Data describes the product purely in terms of safety requirements and has no significance with regard to properties assurance. Data should neither be modified nor applied to other products.