



### Section 1 – Product and Company Identification

**Manufacturer's name:**

Tagawa Sangyo Co., Ltd.  
1924 Yugeta, Tagawa City, Fukuoka Pref.,  
826-0041 JAPAN  
T: +81-905-285-0855 | F: +81-947-44-8484  
info@shikkui.com | www.shikkui.com

**Product name:** Interior Base

**Product use:** gypsum base coat

### Section 2 – Composition, Information on Ingredients

Component name	CAS #	OSHA PEL-TWA (mg/m <sup>3</sup> )
Calcium Carbonate [CaCO <sub>3</sub> ]*	471-34-1	15 [T], 5 [R]
Calcium Sulfate [CaSO <sub>4</sub> ]*	7778-18-9	15 [T], 5 [R]
Calcium Silicate [CaSiO <sub>3</sub> ]	1344-95-2	15 [T], 5 [R]
Vinyl Acetate	108-05-4	not regulated

\* Major components

### Section 3 – Hazards Identification

**Emergency overview**

Interior Base is a powder that possesses little immediate hazard. A single short-term exposure to the dry powder is not likely to cause serious harm. However, exposure of sufficient duration to wet Interior Base can cause serious, potentially irreversible tissue (skin or eye) destruction in the form of chemical (caustic) burns. The same type of tissue destruction can occur if wet or moist areas of the body are exposed for sufficient duration to dry Interior Base.

**R-phrases:**

R36: Irritating to eyes.  
R37: Irritating to respiratory system.  
R38: Irritating to skin.  
R41: Risk of serious damage to eyes.  
R66: Repeated exposure may cause skin dryness or cracking.

**S-phrases**

S2: Keep out of the reach of children.  
S8: Keep container dry.  
S22: Do not breathe dust.  
S24: Avoid contact with skin.  
S25: Avoid contact with eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28: After contact with skin, wash immediately with plenty of cold water.  
S36: Wear suitable protective clothing.  
S37: Wear suitable gloves.  
S38: In case of insufficient ventilation wear suitable respiratory equipment.  
S39: Wear eye/face protection.  
S46: If swallowed, seek medical advice immediately and show this container or label.

Irritating to gastro-intestinal tract. Interior Base should not be eaten.

### Section 4 – First Aid Measures

<b>Eye Contact</b>	Rinse immediately with plenty of water and seek medical advice
<b>Skin Contact</b>	Wash immediately with plenty of cold water
<b>Inhalation</b>	Rinse throat and nose with water. Breathe fresh air. If necessary, get artificial respiration. Seek medical attention.
<b>Ingestion</b>	Rinse mouth with water and drink plenty of water. Do NOT induce vomiting unless directed to do so by medical personnel. Seek medical attention if symptoms appear.

### Section 5 – Fire Fighting Measures

Non-flammable. Any method suitable for extinguishing surrounding fire.

### Section 6 – Accidental Release Measures

Sweep spilled substance into containers for use if possible, or disposal.

### Section 7 - Handling and Storage

Wear recommended personal protective equipment when handling. Store material in a cool, dry, ventilated area.

### Section 8 – Exposure Controls and Personal Protection

**Engineering Controls:** Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Personal Protection:** Avoid eye and skin contact. Avoid breathing vapors. Splash goggles. Synthetic apron. Vapor and dust respirator. Be sure to use an approved respirator or equivalent. Gloves and other clothing to prevent skin exposure.

### Section 9 – Physical and Chemical Properties

**Appearance:** Fine, white powder  
**Physical state:** Solid (powder)  
**Odor:** None  
**Solubility:** Very slightly soluble in water  
**Flash point:** Non-flammable  
**Boiling point:** >1000°C / >1832°F  
**Vapor pressure:** Not applicable  
**Vapor density:** Not applicable  
**Melting point:** Not applicable  
**Specific gravity (H<sub>2</sub>O=1.0):** 2.8  
**pH:** 7.0-7.5  
**Evaporation rate:** Not applicable

### Section 10 – Stability and Reactivity

**Stability:** The product is stable.  
**Reaction with various substances:** Incompatible with strong acids, ammonium salts and aluminum metal.

**Conditions to avoid:** Contact with acids, humidity, unintentional contact with water.

**Hazardous Decomposition:** Above 1450° C - calcium oxide (CaO) and sulfur dioxide (SO<sub>2</sub>).

#### Section 11 – Toxicological Information

**Toxicity:** The product itself and its products of degradation are not toxic.

**LD50 (rat):** 6450 mg/kg (calcium carbonate)

#### Section 12 – Ecological Information

**Ecotoxicity:** No recognized unusual toxicity to plants or animals.

**Relevant Physical and Chemical Properties:** See sections 9 and 10.

#### Section 13 – Disposal Considerations

Dispose of in accordance with federal, state or local regulations.

#### Section 14 – Transport Information

**DOT Classification:** Not hazardous

**Special Provisions for Transport:** Not applicable

#### Section 15 – Other Regulatory Information

**Risk and Safety Phrases:** See section 3.

**SARA Title III Section 304 (EPCRA) Extremely Hazardous Substances:** Reportable Quantity (RQ).

**SARA Title III Section 313 (EPCRA) Toxic Chemicals:** X= Subject to reporting under section 313.

**CERCLA Hazardous Substances:** Reportable Quantity (RQ).

**CAA Section 112 (r) Regulated Chemicals for Accidental Release Prevention:** Threshold Quantities(TQ).

**RCRA Hazardous Waste:** RCRA hazardous waste code.

**Federal Hazardous Substances Act:** Gypsum is a "hazardous substance" subject to statutes promulgated under the subject act.

**California Proposition 65:** This product may contain traces of crystalline silica known to the State of California to cause cancer, birth defects, or other reproductive harm. California law requires the manufacturer to give the above warning in the absence of definitive testing to prove that the defined risks do not exist.

#### Section 16 – Other Information

**MSDS revision date:** 16 Jan 2012

**Other important information:** Interior Base should be used by knowledgeable persons. A key to using the product safely requires the user to recognize that Interior Base chemically reacts with water, and that some of the intermediate products of this reaction (that is, those present while a gypsum-based product is setting) pose a more severe hazard than does dry Interior Base itself.

While the information provided in this material safety data sheet is believed to provide a useful summary of the hazards of Interior Base as it is commonly used, the sheet cannot anticipate and provide all of the information that might be needed in every situation. Inexperienced product users should obtain proper training before using this product.

THE MANUFACTURER MAKES NO WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY Tagawa Sangyo except that the product shall conform to contracted specifications. The information provided herein was believed by Tagawa Sangyo to be accurate at the time of preparation or prepared from sources believed to be

reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of the product, and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or nondelivery of product, and whether based on contract, breach of warranty, negligence, or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.

In particular, the data furnished in this sheet do not address hazards that may be posed by other materials mixed with Interior Base to produce other products. Users should review other relevant material safety data sheets before working with this or any other gypsum-based products.

When used within the Shikkui system, Interior Base is covered by a corresponding limited 10-year warranty. Please ask manufacturer for details.