



**Section 1 – Product and Company Identification**

**Manufacturer's name and technical support info:**

Tagawa Sangyo Co., Ltd.  
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**Product line name:** Shikkui Surface Coatings

**Product names:** Shikkui Sora, Shikkui Classic, Shikkui Bright, Shikkui Kodai

**Product use:** Pre-mixed lime plasters for walls and ceiling

**Section 2 – Component Mixture**

Component name	Formula	CAS #	RTECS #
Calcium hydroxide *	Ca(OH)2	1305-62-0	EW2800000
Calcium carbonate *	CaCO3	471-34-1	FF9335000
Powdered egg shells (option) *	CaCO3	471-34-1	FF9335000
Calcium Silicate (only in Sora)	CaSiO3	1344-95-2	VV9150000
Vinyl acetate polymer ** (only in Sora)	-	-	-
Seaweed extracts	-	-	-
Natural plant fiber	-	-	-

\* Major components

\*\* NFPA 704: 1:1:0

**Section 3 – Hazards Identification**

**Applied plaster in solid form does not pose any hazard to health. The following hazardous information refers to the product in pre-applied powder or paste form only.**

**NFPA 704:** 2 (health)  
0 (flammability)  
0 (reactivity)

**R-phrases:** R36 (irritating to eyes)  
R37 (irritating to respiratory system)  
R38 (irritating to skin)  
R41 (risk of serious damage to eyes)

Irritating to gastro-intestinal tract.

**Section 4 – First Aid and Measures**

<b>Eye Contact</b>	S26: rinse immediately with plenty of water and seek medical advice
<b>Skin Contact</b>	S28: 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 (original pre-applied form):** white powder (Sora, Classic, Bright), white paste (Kodai)

**Appearance (when applied):** smooth, flat or relief surface

**Physical state (when applied):** solid

**Shore D Hardness:** 61-85 (depending on product)

**Odor:** none

**Solubility:** very slightly soluble in water

**Flash point:** non-flammable (Class A rating, ASTM E84)

**Melting point:** 580°C/1076°F (calcium hydroxide), 825°C/1517°F (calcium carbonate)

**Specific gravity:** 2.24 (calcium hydroxide), 2.70 (calcium carbonate)

**pH:** 14.0 (calcium hydroxide), 9.8 (calcium carbonate)

**Section 10 – Stability and Reactivity Information**

**Stability:** The product is stable.

**Reaction with various substances:** Reacts with strong acids generating carbon dioxide. Exposed to air, calcium hydroxide absorbs carbon dioxide (CO<sub>2</sub>) turning into calcium carbonate.

**Section 11 – Toxicological Information**

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

**LD50 (rat):** 7340 mg/kg (calcium hydroxide), 6450 mg/kg (calcium carbonate)

**Section 12 – Ecological Information**

**VOC:** 0 grams/Liter (ASTM D3960)

**Other properties:** mold/mildew resistance (Rating 10, ASTM D3273/D3274)

**Certification:** Cradle to Cradle (Silver)

**Section 13 – Disposal Considerations**

100% recyclable either as fertilizer and soil Conditioner or as agent for improving strength and stability of land.

**Section 14 – Transport Information**

**DOT Classification:** Not regulated

**Special Provisions for Transport:** Not applicable