



Section 1 – Product and Company Identification

Manufacturer's name:

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Product name: Universal Tints

Product use: tinting system for Shikkui finishes

Section 2 – Composition, Information on Ingredients

Component name	CAS #	OSHA PEL-TWA (mg/m ³)
Calcium Carbonate [CaCO ₃]	471-34-1	15 [T], 5 [R]
Color pigments *	-	-
Vinyl Acetate	108-05-4	not regulated

* Artists pigments, such as Iron Oxides and organic pigments

Section 3 – Hazards Identification

Emergency overview

Universal tints are pastes that possess little health hazard. Based on fine calcium carbonate and artists pigments, they are non-toxic and pH-neutral. An exposure of sufficient duration to Universal Tints can be irritating to skin and may cause skin dryness.

R-phrases:

R36: Irritating to eyes.
R37: Irritating to respiratory system.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.

S-phrases

S2: Keep out of the reach of children.
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.
S36: Wear suitable protective clothing.
S37: Wear suitable gloves.
S39: Wear eye/face protection.
S46: If swallowed, seek medical advice immediately and show this container or label.

Irritating to gastro-intestinal tract. Universal Tints should not be eaten.

Section 4 – First Aid Measures

Eye Contact	Rinse immediately with plenty of water and seek medical advice
Skin Contact	Wash immediately with plenty of cold water
Inhalation	Rinse throat and nose with water. Breathe fresh air. If necessary, get artificial respiration. Seek medical attention.
Ingestion	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. Splash goggles. Synthetic apron. Gloves and other clothing to prevent skin exposure.

Section 9 – Physical and Chemical Properties

Appearance: colored paste

Physical state: Solid (paste)

Odor: None

Solubility: 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 (H₂O=1.0): Unknown

pH: 7-8

Evaporation rate: Not applicable

Section 10 – Stability and Reactivity

Stability: The product is stable.

Reaction with various substances: none known.

Conditions to avoid: none known.

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

SARA 313: Product does not contain components at such a level as to require reporting under this statute.

All chemicals in this product are listed, or are exempt from listing on the TSCA Inventory.

Section 16 – Other Information

MSDS revision date: 03 Apr 2012

Other important information: Tagawa Sangyo Co., Ltd. believes, to the best of its knowledge, and information that the information contained herein to be accurate and reliable as of the date of this MSDS sheet. However, because the conditions of handling, use and storage of these materials are beyond the control of the manufacturer, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials and make no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendation in this MSDS sheet are offered for the user's consideration and examination. It is the responsibility of the user to determine the final suitability of this information and data and to comply with all applicable international, federal, state and local laws and regulations.