

## SECTION 1 – Identification

**Product Name:** Flexitions® #105 – 1/2" Flush Mount Stair Nose

**Other Identifiers:** Flexible Stair Nose, Polyurethane

**Recommended Use:** Stair edging, stair trim molding, stair safety finishing

**Restrictions on Use:** Not for structural load-bearing applications

**Manufacturer:**

Flexitions Inc.

1668 Palmyrita Ave. STE B

Riverside, CA, 92507

Phone: 951-786-9961

Email: sales@flexitions.com

**Emergency Contact Number:** 951-786-9961

## SECTION 2 – Hazard(s) Identification

**GHS Classification:** Not classified as hazardous in solid form

**Signal Word:** None

**Hazard Statements:**

- Not hazardous in normal use
- Dust generated during cutting/sanding may cause mechanical irritation to eyes, skin, and respiratory tract

**Precautionary Statements:**

- Avoid breathing dust
- Use only in well-ventilated areas when machining
- Wear safety glasses and dust mask when cutting or sanding

## SECTION 3 – Composition/Information on Ingredients

| Component                    | CAS Number  | % by Weight |
|------------------------------|-------------|-------------|
| Polyurethane                 | Proprietary | >90%        |
| Pigments (inorganic/organic) | Proprietary | <5%         |
| Additives & Plasticizers     | Proprietary | <5%         |

## SECTION 4 – First-Aid Measures

**Inhalation:** If dust is inhaled, move to fresh air. Seek medical attention if irritation persists. **Skin Contact:** Wash with soap and water. Seek medical attention if irritation develops.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Ingestion:** Not expected to be toxic. Rinse mouth. Seek medical attention if large amounts are swallowed.

## SECTION 5 – Fire-Fighting Measures

**Suitable Extinguishing Media:** Water spray, foam, dry chemical, CO<sub>2</sub>

**Specific Hazards:** Burning may produce carbon monoxide, carbon dioxide, and other toxic gases.

**Protective Equipment for Firefighters:** Self-contained breathing apparatus and full protective clothing.

## SECTION 6 – Accidental Release Measures

**Personal Precautions:** Avoid breathing dust. Wear protective equipment if cutting debris is present. **Cleanup**

**Methods:** Sweep or vacuum dust. Avoid dry sweeping that can disperse dust in air. Dispose in accordance with local regulations.

## SECTION 7 – Handling and Storage

**Handling:**

- Use in well-ventilated areas when machining
- Avoid generating dust

**Storage:**

- Store in a cool, dry area away from direct sunlight and open flames
- No special storage precautions required for solid product

## SECTION 8 – Exposure Controls/Personal Protection

**Occupational Exposure Limits:**

- OSHA PEL (Particulates Not Otherwise Regulated): 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction)
- ACGIH TLV: 10 mg/m<sup>3</sup> (inhalable particles)

**Engineering Controls:** Local exhaust ventilation when cutting or sanding

**Personal Protective Equipment (PPE):**

- Eye Protection: Safety glasses or goggles
- Respiratory Protection: N95 or equivalent dust mask when machining
- Skin Protection: Gloves to avoid irritation from dust

## SECTION 9 – Physical and Chemical Properties

- Appearance: Solid, wood-look finish, various colors
- Odor: Minimal to none
- Odor Threshold: Not applicable
- Melting Point: >150°C (>300°F)
- Boiling Point: Not applicable (solid)
- Density: ~1.3–1.4 g/cm<sup>3</sup>
- Solubility in Water: Insoluble
- Flash Point: >300°C (>572°F)
- Autoignition Temperature: >400°C (>752°F)
- VOC Content: Negligible in solid form

## SECTION 10 – Stability and Reactivity

**Stability:** Stable under normal conditions

**Incompatible Materials:** Strong oxidizing agents

**Hazardous Decomposition Products:** CO, CO<sub>2</sub>, and other toxic fumes when burned

## SECTION 11 – Toxicological Information

**Likely Routes of Exposure:** Inhalation of dust, eye/skin contact with dust

**Acute Effects:** Mechanical irritation from dust

**Chronic Effects:** No known chronic health effects from solid product

**Carcinogenicity:** Not classified as carcinogenic by IARC, NTP, or OSHA

## SECTION 12 – Ecological Information

- Not expected to be hazardous to the environment in solid form
- Persistent in environment (does not readily biodegrade)

## SECTION 13 – Disposal Considerations

- Dispose of in accordance with local, state, and federal regulations
- Product may be landfilled or incinerated where permitted

## SECTION 14 – Transport Information

- DOT (US): Not regulated as hazardous material
- IMDG: Not regulated
- IATA: Not regulated

## SECTION 15 – Regulatory Information

- All components are listed on TSCA Inventory
- This product meets OSHA Hazard Communication Standard for “articles” in solid form (exempt from hazard classification unless cut or processed)

## SECTION 16 – Other Information

**Date of Preparation:** [Insert Date]

**Revision Number:** 1.0

The information in this SDS is believed to be accurate as of the date of preparation. It is provided for guidance only and does not constitute a legal warranty. Users are responsible for determining suitability of use and compliance with applicable regulations.