

SECTION 1 – Identification

Product Name: Flexitions® #104 – 3/8" 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, CO₂

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/m³ (total dust), 5 mg/m³ (respirable fraction)
- ACGIH TLV: 10 mg/m³ (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/cm³
- 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, CO₂, 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.