

# MATERIAL SAFETY DATA SHEET

Product Name: **Polyvinyl Heterogeneous Tile**  
Product Code: **Starnet Exclusive—100 mm (Gauge)**  
Key Number: **Starnet High Performance Luxury Vinyl Tile**  
MSDS Number: **104532**  
MSDS Date: **09/18/2009**  
Emergency Telephone Numbers: **256.767.4990**



Flooring created for every step you take.

## STARNET HIGH PERFORMANCE LVT TILE AND PLANK

**HEALTH**

**0**

**FIRE**

**1**

**REACTIVITY**

**0**

**SPECIFIC**

**0**

### 1. IDENTIFICATION

See Addendum:

Reference Page:

Chemical Name: Polyvinyl Chloride, PVC, Vinyl

Chemical Family: Polyvinyl Chloride resins

CAS # 9002-86-2

CAS Name: PVC Resin

Synonyms/Common Name: Vinyl Dry Powder Resin

DOT Information Article 29 CFR 1901.1200. No known health hazards associated with normal use of this product.

Chemical Formula (C<sub>2</sub>H<sub>2</sub>Cl)<sub>n</sub>

Molecular Weight: N/A

### 2. PHYSICAL DATA

See Addendum:

Reference Page:

Appearance: Hard plastic sheeting material

Color: Opaque; Clear after heat

State: Plastic/Hard rubber sheet

Odor Characteristics: Slightly sweet odor

pH: N/A

Viscosity: Unmoving material

Specific Gravity (Water=1): 1.28

Vapor Density (Air=1): N/A

Vapor Pressure: N/A

Melting Point: 280 degrees F, and over

Boiling Point: 320 degrees F, and over

Flash Point: N/A

Freezing Point: N/A

Percent Volatility: N/A

Evaporation Rate (BAc=1) None

Solubility in Water: INSOLUBLE

Solubility in Oil: INSOLUBLE

Solubility in Acetone: WILL DEGRADE WITH TIME

### 3. INGREDIENTS

See Addendum:

Reference Page:

Material/Components	CAS#	CAS Name	TLV Units	Approximate %
PVC Suspension Resin	(C <sub>2</sub> H <sub>3</sub> Cl) <sub>n</sub>	Poly (Vinyl Chloride)		75-80%
Di-Isononyl Phthalate	28553-12-0	DINP		15-20%
Stabilizers	57-11-4	Liquid Barium Calcium		4-10%
Stearic Acid	C31-H5403	n-Octadecanoic Acid		.1-.5%
Miscellaneous Pigments & Colorants		3,5 di-butyl-4-hydroxybenzoic		.005-.022%

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## 4. FIRE AND EXPLOSION HAZARD DATA

See Addendum:

Reference Page:

Flash Point: **N/A**

Extinguishing Media: **Dry Chemical, Water-Spray, Water Fog, CO2, or Foam**

Special Fire-Fighting Procedures: **Wear self contained breathing apparatus (SCBA)**

Unusual Fire and Explosion Hazards: **Open flame combustion may yield an irritation gas and dense smoke**

## 5. HEALTH HAZARD DATA

See Addendum:

Reference Page:

Threshold Limit Value: **No known value-very stable product**

Effects of Overexposure: **Avoid breathing smoke/gas if material is burning**

Inhalation: **No known issues**

Skin Contact: **Wear safety glasses if cutting or direct eye contact is expected**

Eye Contact: **Non-toxic product; consult physician if needed**

Ingestion: **There are no known health hazards associated with normal use of this product**

Delayed Effects: **None known, consult physician if needed**

Medical Conditions Aggravated by Exposure: **None known, consult physician if needed**

## 6. FIRST AID MEASURES

See Addendum:

Reference Page:

Inhalation: **Non-toxic, move to well-ventilated fresh air area**

Skin Contact: **No known issues. Cool area affected with clean water if contact is made with burning material.**

Eye Contact: **Wash affected eye with cool, clean, fresh water as needed.**

Ingestion: **Non-toxic. Consult physician if needed.**

Notes to Physician: **N/A**

## 7. REACTIVITY DATA

See Addendum:

Reference Page:

Stability: **Very Stable product**

Incompatibility (materials to avoid): **Strong oxidizers**

Hazardous Combustion or Decomposition Products: **Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride, Chloride Monomers**

Hazardous Polymerization: **Avoid breathing fumes when in contact with material exposed to open flame or excessively high heat**

## 8. SPILL OR LEAK PROCEDURES

See Addendum:

Reference Page:

Actions to Take for Leaks and Spills: **Sweep materials into disposal container.**

Waste Disposal Method: **In accordance to local, state, and federal regulatory directions. Waste product can be evaluated to recycle.**

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## 9. SPECIAL PROTECTION INFORMATION

See Addendum:

Reference Page:

**Respiratory Protection:** Wear breathing apparatus if exposed to material while it is burning

**Eye Protection:** Wear safety glasses as needed

**Skin Protection:** Standard clothing/gloves if needed; not required, however

**Other Clothing:** N/A

**Other Equipment:** SCBA needed if contact is made while material is burning

**Engineering Controls:** N/A

## 10. HANDLING AND STORAGE

See Addendum:

Reference Page:

**Special Precautions:** Store in a clean dry area in a non-moisture wicking container

**Other Precautions:** Excess outdoor and or excess UV overexposure may cause some fading/discoloration or yellowing

## 11. REGULATORY INFORMATION

See Addendum:

Reference Page:

**Workplace Classification:**

## 12. TOXICOLOGICAL INFORMATION

See Addendum:

Reference Page:

**Acute Data:**

**Reproductive/Teratology Data:**

## 13. ECOLOGICAL INFORMATION

See Addendum:

Reference Page:

**Fate in the Environment:** This product is 100% recyclable

## 14. DISPOSAL CONDITIONS

See Addendum:

Reference Page:

**Procedures:** Dispose of material in an approved container for recycling

## 15. TRANSPORTATION INFORMATION

See Addendum:

Reference Page:

**DOT Classification:** N/A

**Warning Labels:** Avoid open flame contact to material