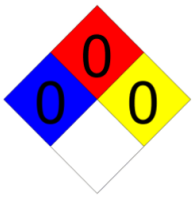
| 1. PRODUCT AND COMPANY IDENTIFICATION | |
|---|---|
| **Product name:** | Rigid Luxury Vinyl Flooring (all grade and thickness) |
| **Description:** | Polymeric floor covering |
| **Manufacturer:** | **CFL Flooring (China) Co., Ltd**<br>NO 111 Chang Jiang Road<br>Jiashan Development Area<br>314100 Jiaxing, P.R.China<br>Information phone: (0086) 573-8472-2837 |

| 2. HAZARDS IDENTIFICATION | |
|---|---|
| **Classification:** | **Regulation (EC) No 1272/2008:** The material is not classified according to the CLP regulation.<br>**Directive 67/548/EEC or Directive 1999/45/EC:** not applicable<br>**GHS-US:** this product is not classified as hazardous<br>**OSHA Standard 29 CFR 1910.1200:** no classification known<br>**SARA Title III, Section 313:** no classification known<br>**HMIS:** Health = 0, Flammability = 1, Reactivity = 0; Specific = 0 (0= minimal hazard; 4 = severe hazard)<br>**NFPA:** Health = 0, Flammability = 0, Reactivity = 0 (0= minimal hazard; 4 = severe hazard)<br>  <br> |
| **Route of entry:** | None for product as sold.<br>For dust or chips generated during fabrication operation: eye contact, skin contact, and inhalation. |
| **Target organs:** | None |
| **Inhalation:** | No hazard for product as sold. Fabrication operation such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating or harmful if inhaled. Repeated and prolonged inhalation of dust may lead to chronic respiratory irritation.<br>Asthmatics conditions may be aggravated be uncontrolled airborne dust exposures. |
| **Skin contact:** | Solid piece may be abrasive to, or cut skin; fabricating operations such as milling, cutting, grinding, etc. may produce dust or chips that may be irritating. |
| **Eye contact:** | No hazards for products as sold; fabricating operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating. |
| **Ingestion:** | Not an expected route of entry with normal use of product. |

| 3. MATERIAL COMPOSITION | | | | | |
|---|---|---|---|---|---|
| **Name** | **CAS No** | **EC No** | **% by weight** | **GHS-US Classification** | **EC Classification** |
| PVC | 9002-86-2 | 200-831-0 | 25-45 | Not classified | Not classified |
| $CaCO_3$ | 471-34-1 | Not classified | 65-75 | Not classified | Not classified |
| Additive | Mixture | Mixture | < 5 | Mixture | Mixture |
| Toner | Mixture | Mixture | < 1 | Mixture | Mixture |
| UV Coating | Mixture | Mixture | < 1 | Mixture | Mixture |
| Adhesive | Mixture | Mixture | < 1 | Mixture | Mixture |
| Pre-attached Acoustic Backing | mixture | mixture | < 3 | Mixture | Mixture |

| 4. FIRST AID MEASURES | |
|---|---|
| **Inhalation:** | No hazard for product as sold. Fabrication operations such milling, cutting, grinding, etc., may produce dust or fines that may be irritating or harmful if inhaled. If irritation persists, seek medical attention. |
| **Skin contact:** | Solid piece (strip, sheet,…) may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. Wash with soap and water. If irritation persists, seek medical attention. |
| **Eye contact:** | No hazards for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention. |
| **Ingestion:** | Not an expected route of entry with normal use of product. |

| 5. FIRE FIGHTING MEASURES | |
|---|---|
| **Flash point:** | Not available |
| **Lower Explosive Limit (LEL) %:** | Not available |
| **Upper Explosive Limit (UEL) %:** | Not available |
| **Auto-ignition temperature:** | Not available |
| **OSHA flammability classification:** | Not available |
| **Hazardous products of combustion:** | Protect self from combustion products and fumes |
| **Extinguishing media:** | Water spray, CO2, foam, dry chemical |
| **Unusual fire and explosion hazards:** | None |
| **Fire fighting equipment:** | Self-contained breathing apparatus and full protective clothing |
| **Miscellaneous advice:** | ASTM E-648 CRF value greater than 0.45 W/Square CM. Material is considered to be self extinguishing. |

| 6. ACCIDENTAL RELEASE MEASURE | |
|---|---|
| **Personal precautions:** | None; this is a non-hazardous material. |
| **Method for clean-up:** | Due to solid, insert properties, scrap pieces may be simply swept up and disposed of as a solid non-hazardous waste per local, state and federal regulation. |

| 7. HANDLING AND STORAGE | |
|---|---|
| **Handling precautions:** | Install with adequate ventilation. |
| **Storage requirements:** | Store in a dry, well ventilated area. |

| 8. EXPOSURE CONTROLS/PERSONAL PROTECTUION | |
|---|---|
| **Protective Equipment:** | When ventilation is not adequate, wear an approved/certified respirator with an appropriate particulate dust filter. Gloves suitable for protection against cuts and abrasions from sharp edges are recommended. Wear safety goggles during fabrication operations that produce materials, i.e. chips, that may be ejected and impact the eyes. |
| **Hygienic practices:** | Cutting of this product may produce dust; consult local authorities and local regulations for exposure limits. |

| 9. PHYSICAL AND CHEMICAL PROPERTIES | | | |
|---|---|---|---|
| **Appearance:** | Plank or tile flooring | **Flash point:** | Not available |
| **Physical state:** | Solid plank or tile | **Evaporation rate:** | Not available |
| **Specific gravity:** | 1.8-2.4 (water = 1.0) | **Flammability:** | Not available |
| **Odor:** | No appreciable odor. | **Vapor pressure/density:** | Not available |
| **PH:** | Not available | **Relative density:** | 1.8-2.4g/cm$^3$ |
| **Melting point:** | Not available | **Solubility:** | Negligible |
| **Freezing point:** | Not available | **Auto-ignition temperature:** | Not available |
| **Initial boiling point:** | Not available | **Viscosity:** | Not available |
| **Decomposition temperature:** | Not available | | |
| **Decomposition products**: | Thermal decomposition in the presence of air may yield carbon dioxide (CO2), carbon monoxide (CO) and possible hydrochloric acid (H2S) | | |

| 10. STABILITY AND REACTIVITY | |
|---|---|
| **Condition to avoid:** | Stable |

| | |
|---|---|
| **Material o avoid:** | Stable |
| **Reactivity:** | Stable |
| **Stability:** | Stable |
| **Hazardous reactions:** | Should not occur |
| **Hazardous polymerization:** | Should not occur |
| **Hazardous decomposition products:** | Not available |

## 11. TOXICOLOGICAL INFORMATION

| | |
|---|---|
| **Product LD50 (Oral):** | Not available |
| **Product LD50 (Dermal):** | Not available |
| **Product LC50:** | Not available |
| **Immediate (acute) effects:** | No known acute toxicological hazards |
| **Delayed (subchronic & chronic) effect:** | No known subchronic ar chronic toxicological hazards |

## 12. ECOLOGICAL INFORMATION

No ecological impact study information is available on this product

## 13. DISPOSAL CONSIDERATIONS

Dispose of according to Federal state, and local regulations.

## 14. TRANSPORT INFORMATION

The information provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transport. Material is non-hazardous and not regulated by USDOT.

## 15. REGULATORY INFORMATION

| | |
|---|---|
| **VOCs:** | Formaldehyde emission of this product is within E1 standard (EN 717-1).<br>Product does not require special protection before, during and after installation of the flooring.<br>This product is compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office and Classroom Environment. Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2. |
| **Phthalates:** | This product does not contain Ortho-Phthalates. |

| | |
|---|---|
| **Asbestos:** | This product does not contain Asbestos. |
| **U.S. Federal regulations:** | Not available |
| **SARA section 313:** | Not available |
| **TSCA:** | Not available |

## 16. OTHER INFORMATION

OSHA - Occupational Safety and Health Administration

TSCA - Toxic Substances Control Act

ppm - parts per million

GHS – Globally Harmonized System (of classification and labeling of chemicals)

NFPA: National Fire Protection Association

USDOT – United State Department Of Transportation

## 17. DISCLAIMER

To the best of our knowledge, the information contained herein accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards described herein, we cannot guarantee that these are the only hazards that exist.

**END OF THE DOCUMENT**