

# SAFETY DATA SHEET

## Interface® Luxury Vinyl Tile

Last Updated February 21, 2017

### 1. PRODUCT IDENTIFICATION

<u>TRADE NAME (AS LABELED):</u>	<b>Luxury Vinyl Tile</b>
<u>SYNONYMS:</u>	Resilient Vinyl Tile
<u>CHEMICAL SHIPPING NAME/CLASS:</u>	NON-REGULATED MATERIAL
<u>U.N. NUMBER:</u>	None
<u>SUPPLIER'S NAME:</u>	InterfaceFLOR, LLC
<u>ADDRESS:</u>	1603 Executive Dr. LaGrange, GA 30240 USA
<u>EMERGENCY PHONE:</u>	(800) 336-0225 (For Emergencies)
<u>BUSINESS PHONE:</u>	(800) 336-0225 (For product information)
<u>MANUFACTURE'S NAME:</u>	Dong Shin Polymer Co.Ltd.
<u>ADDRESS:</u>	64-3, Maon-ri, Guhang-myeon, Hongseong-gun Chungcheongnam-do, Korea
<u>BUSINESS PHONE:</u>	+82-2-2679-3448
<u>DATE OF PREPARATION:</u>	January 17, 2017

### 2. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

**Product Description:** This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200, as defined below;

"Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees."

This product is a highly durable, and non-deforming engineered resilient vinyl flooring tile constructed with PVC (Polyvinyl Chloride), Non-phthalate Plasticizer, stabilizer and inert filler. This product has been designed and produced specifically for interior use. This product is odorless, stable, and poses no known hazard to health in any normal application.

**Health Hazards:** No known health hazards when used as directed.

**Flammability Hazards:** Non-Flammable

**Reactivity Hazards:** This product is not reactive.

**Environmental Hazards:** Release of the product is not expected to cause adverse effects to the aquatic environment.

**Emergency Recommendations:** Emergency responders must have personal protective equipment and fire protection appropriate for the situation to which they are responding.

**EU LABELING AND CLASSIFICATION:** This product has been evaluated based on being a finished article.

This product does not meet the definition of a hazardous substance or preparation according to EU Regulations (EC) No 1272/2008.

**INDEX NUMBER:** None of the components are classified in the Annex I of Directive 67/548/EEC

**GHS CLASSIFICATIONS:** None

**SIGNAL WORD :** None

**GHS HAZARD PICTOGRAM:** None required

**HAZARD STATEMENT:** None required

# SAFETY DATA SHEET

## Interface® Luxury Vinyl Tile

Last Updated February 21, 2017

**PREVENTION STATEMENT :** None required

**RESPONSE STATEMENT:** None required

**HEALTH EFFECTS OR RISKS FROM EXPOSURE:**

**ACUTE:** None known when used as directed.

**CHRONIC:** None known

### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Product Constituents	Synonym or Application	WT%	CAS #	Hazard Classification	Risk Phrases
Polyvinyl Chloride	PVC	23.0 – 34.0	9002-86-2	None	Not Classified
Di Octyl Terephthalate	DOTP	9.0 – 17.0	6422-86-2	None	Not Classified
Calcite	Filler	48.0 – 68.0	13397-26-7	None	Not Classified
Barium Zinc Organic Complex	Stabilizer	0.09 - 0.13	Not applicable	None	Not Classified
Barium Stearate		0.09 - 0.30	6865-35-6	None	Not Classified

Balance of other components is less than 1% by weight (or 0.1% for respiratory sensitizers) and no substances known to cause cancer in humans or reproductive toxins are known to be present in a form that would cause exposure to the end user of this product.

### 4. FIRST-AID MEASURES

**SKIN EXPOSURE:** Not expected to have any adverse health effects.

**EYE EXPOSURE:** Not expected to have any adverse health effects.

**INHALATION:** Not expected to have any adverse health effects.

**INGESTION:** Not expected to be a normal route of entry.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known

**RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms.

### 5. FIRE-FIGHTING MEASURES

**FLASH POINT:** Not Applicable

**AUTOIGNITION TEMPERATURE:** Not Applicable

**FLAMMABLE LIMITS (in air by volume, %):** Not Applicable / Not Established

**FIRE EXTINGUISHING MATERIALS:** Use fire extinguishing methods listed below:

Water Spray: Yes

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This product is not expected to be a known fire or explosion hazard.

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

# SAFETY DATA SHEET

## Interface® Luxury Vinyl Tile

Last Updated February 21, 2017

**SPECIAL FIRE-FIGHTING PROCEDURES:** This product has been tested by the European Standard EN13501-1 Reaction to Fire and is classified Bfl (very limited contribution to a fire)-S1(with smoke being absent / weak) ; It was also tested by the ASTM E648, Flooring Radiant Panel Test and was rated at the lowest level of fire hazard, Class 1 and ASTM E662 smoke density test. No special firefighting procedures are required for this product. Because it has been specifically designed and manufactured to be fire resistant, combustion of the product alone is unlikely. However, in the event of a fire, incipient fire responders should wear eye protection. Structural firefighters should wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### 6. ACCIDENTAL RELEASE MEASURES

**SPILL AND LEAK RESPONSE:** This is a solid material. Unused product, waste and scrape material should be collected for reuse, recycling or disposal in accordance with U.S. Federal, State, and local waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations), as applicable.

### 7. HANDLING and STORAGE

**WORK PRACTICES AND HYGIENE PRACTICES:** Use good hygiene practices

**STORAGE AND HANDLING PRACTICES:** Store at ambient, room temperatures and in well-ventilated and clean area. Protect from physical damage.

### 8. EXPOSURE CONTROLS - PERSONAL PROTECTION

**VENTILATION AND ENGINEERING CONTROLS:** No special ventilation or other controls are required during normal use.

*The following information on appropriate Personal Protective Equipment is provided in the event that this product is handled or processed in an abnormal manner such that dust or particulate matter is formed (e.g. sanding, grinding, sawing, etc.). This is to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. (Please reference applicable regulations and standards for relevant details)*

**RESPIRATORY PROTECTION:** Not required with normal cutting, installation, use or removal of this product. Maintain airborne particulate concentrations below the appropriate levels, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-2011, the European Standard EN149, or EU member states.

**EYE PROTECTION:** Not required with normal cutting (via knife), installation, use or removal of this product. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

**SKIN PROTECTION:** Not required with normal cutting (via knife), installation, use or removal of this product. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards

### 9. PHYSICAL and CHEMICAL PROPERTIES

**VAPOR DENSITY:** Not Applicable

**% VOLATILE:** No data

**SOLUBILITY IN WATER:** Not soluble

**VAPOR PRESSURE:** Not Applicable

**ODOR:** None

**APPEARANCE and COLOR:** Variety of colors and surface embossing.

**EVAPORATION RATE (n-BuAc=1):** Not Applicable

**MELTING/FREEZING POINT:** No Data

**BOILING POINT:** No Data

**pH:** Not Applicable

**DENSITY:** >1.60 gm/cm

# SAFETY DATA SHEET

## Interface® Luxury Vinyl Tile

Last Updated February 21, 2017

### 10. STABILITY and REACTIVITY

**STABILITY:** Stable under conditions of normal storage and use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide and hydrogen chloride and or hydrogen cyanide may form when heated to decomposition (i.e. combustion)

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Not applicable under normal use

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur.

**CONDITIONS TO AVOID:** Not applicable.

### 11. TOXICOLOGICAL INFORMATION

- This product has no known acute or chronic toxicity.
- This product contains Carbon Black that is not respirable and is bound in the product at a concentration well below 0.2%. Carbon Black is listed by IARC (International Agency for Research on Cancer) and ACGIH listed carbon black as A3 "confirmed animal carcinogen with unknown relevance to humans".
- This product is not considered an irritant
- This product is not known to cause allergic skin reactions.
- No adverse reproductive effects have been reported for this product.

### 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** This product is not expected to be harmful to aquatic and terrestrial life. There is no specific test data available for this product.

**PERSISTENCE and DEGRADABILITY:** Not applicable

**BIOACCUMULATIVE POTENCIAL:** Not applicable

**MOBILITY IN SOIL:** Not applicable

**OTHER ADVERSE EFFECTS:** This product is stable under all normal ambient environmental conditions and there is no effect to the depletion of the ozone layer.

### 13. DISPOSAL CONSIDERATIONS

**PREPARING WASTES FOR DISPOSAL:** Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations or those of Canada, Australia, EU Member States and Japan.

### 14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

**PROPER SHIPPING NAME:** NON-REGULATED MATERIAL

**HAZARD CLASS NUMBER and DESCRIPTION:** None

**UN IDENTIFICATION NUMBER:** None

**PACKING GROUP:** None

**DOT LABEL(S) REQUIRED:** None

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER:** NA

**RQ QUANTITY:** None

**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

# SAFETY DATA SHEET

## Interface® Luxury Vinyl Tile

Last Updated February 21, 2017

**INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA):** This product is not considered as dangerous goods.

**INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO):** This product is not considered as dangerous goods.

**EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):** This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

### 15. REGULATORY INFORMATION

#### **UNITED STATES REGULATIONS:**

**U.S. SARA REPORTING REQUIREMENTS:** This product is not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act. None

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. Furthermore, because this product is an "article" no inventory reporting is required.

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None

**U.S. TSCA INVENTORY STATUS:** This product is exempt as an Article but all individual components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None

#### **STATE REGULATIONS:**

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product complies with all Proposition 65 requirements.

#### **CANADIAN REGULATIONS:**

**CANADIAN DSL/NDSL INVENTORY STATUS:** The components of this product are on the DSL Inventory, or are exempted from listing.

#### **CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**

**WHMIS:** This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** Not controlled

#### **EUROPEAN ECONOMIC COMMUNITY INFORMATION:**

**EU LABELING AND CLASSIFICATION:** This product meets the definition of the following hazard class as defined by the European Economic Community Guidelines.

**EU CLASSIFICATION:** None

**EU RISK PHRASES:** None

**EU SAFETY PHRASES:** None

**AUSTRALIAN INFORMATION FOR PRODUCT:** The components of this product are not listed on the International Chemical Inventory list or are exempt.

**KOREA REGULATIONS:** For this product, there are no specific restrictions in the relevant regulations with MSDS listed below

- Occupation Safety and Healthy Act
- Toxic Chemicals Control Act
- Safety Control of Dangerous Substances Act
- Wastes Control Act

#### **INTERNATIONAL CHEMICAL INVENTORIES:**

Listing of the components on individual Country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed or exempt

U.S. TSCA: Listed or exempt

# SAFETY DATA SHEET

## Interface® Luxury Vinyl Tile

Last Updated February 21, 2017

### 16. OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of InterfaceFLOR, LLC. The data on this sheet are related only to the specific material designated herein. InterfaceFLOR, LLC assumes no legal responsibility for use or reliance upon these data.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries or affiliates assume any liability whatsoever for the 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 are described herein, we cannot guarantee that these are the only hazards that exist.

Approval Date: February 21, 2017

**END OF SDS SHEET**