

**SAFETY DATA SHEET**  
**Interstyle Glass Tile**

**SECTION 1**  
**PRODUCT AND COMPANY IDENTIFICATION:**

Interstyle Ceramic & Glass Ltd.  
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**Product: Glass Tile**

- Common Names: Glass tile, glass mosaics, glass slabs
- Sheets of float glass cut and fused to thin colored glaze coating at 820 degrees Celsius and sold in tile sizes (from 12,5 mm x 12.5 mm (1/2" x 1/2") to 300 mm x 600 mm (12" x 24"))
- Glass tile presented under the following trade name:
  - **AGS**
  - **Agates**
  - **Aperture**
  - **Aquarius**
  - **Barcode**
  - **Basho**
  - **Castanets**
  - **Cobbletones**
  - **Cello**
  - **Chiaroscuro**
  - **Como**
  - **Cosmos**
  - **Dewdrops**
  - **Drift**
  - **Earthenglass**
  - **Filigree**
  - **Glassblends**
  - **Glassforms**
  - **Glasshues**
  - **Glasstex**
  - **Glasstints**
  - **Glasstyle**
  - **Guitar**
  - **Icecube**
  - **Icestix**
  - **Jaspers**
  - **Madras**

- Merry Island
- Metro
- Metro Nuovo
- No. 6 – pattern collection
- Opal-line
- Ore
- Painter’s Palette
- Pool + Spa
- Reflections in Glass Tile
- Regalia & Aroma
- Ripple
- River Crystals
- Shadows
- Slope
- Tatami
- Tempo
- Trumpet
- Watercolors

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Intended Use: Finishing of wet or dry walls, floors, interior and exterior surfaces, fountains and swimming pools

**Date Prepared: June 1, 2018**

## **1-9 SAFETY DATA SHEET Glass Tile**

This safety data sheet has been prepared in accordance with the EC Regulations 1907/2006 and 453/2010 (REACH and annex II) in accordance with the Global Harmonized System (GHS) and EC Regulation 1272/2008 (CLP).

Although Interstyle Ceramic & Glass Ltd. (Interstyle) provides this information in this format, this document does not constitute a Safety Data Sheet with regard the European REACH regulation. The substance “glass” and manufactured “articles” referred to in section 1 are exempt from registration and thus do not require a Safety Data Sheet.

## **SECTION 2 TOXICOLOGICAL INFORMATION**

2.1 Classification of the substance or mixture.

- Further information on the risks to health and /or the environment is given in sections 3, 11, 12 and 16.

2.1.1 Classification according to regulation (EC) 1272/2008

- The product does not contain a substance that is classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP).

#### 2.2.1 Labeling according to Regulation 1272/2008 (CLP)

- Hazard Statement: None
- Classification 1272/2008 (CLP) warning pictograms: None

#### 2.3 Classification according to Directive 67/548/EC: Not classified

##### 2.3.1 Labelling according to Directive 67/548/EEC: None

- Indication:None
- Risk Phrases: None
- Safety Phrases: None

#### 2.3 Other

- The mixture does not meet the criteria for PBT or vPvB substances according to Annex III of REACH regulation EC1907/2006.
- No hazards identified.

### **SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

#### 3.1. Composition.

- Substance. CAS Conc. %. Class. 67/548/CEE. Class 1272/2008 (CLP). Glass CAS. 65997-17-3 100 none none
- Float and Rolled Flat Glass
- The products listed in section 1 are based on typical soda-lime-silicate flat glass. In Europe, EINECS identifies glass in the following terms: Glass, oxide, chemicals (EC:266-046-0). CAS: 65997-17-3. Trace amounts of the metals Fe, Se, Ni, Cr and Co are purposely added to some compositions to color the glass and a trace amount of Pb is sometimes present as a contaminant.

#### 3.2. Coatings

- Products are coated with a compatible colored glaze before heating. Coatings are deposited onto the glass to form hard durable coatings fused to the underside.
- These coatings comprise of single or multiple layer coatings and are .029 mm in thickness. Depending on the color, pigments may include Pb and Cd in the formulation:
  - Percent Pb in the product by weight 0.00074%
  - Percent Cd in the product by weight 0.000073%
- Glazes adhere strongly to the glass surface.

### **SECTION 4 FIRST AID MEASURES**

This product is not considered to be or to contain hazardous chemicals based on evaluations made by our company under the US Hazard Communication Standard, 29 CFR 1910.1200, or appropriate EU regulations.

Any dust generated during breakage or fabrication of this product is an amorphous silicate substance and should be considered as a "nuisance particulate".

#### 4.1. Description of first aid measures.

##### 4.1.1 Glass dust

- EYES: Remove any contact lenses. Rinse eyes with of water and consult a doctor.
- SKIN: Wash with soap and water. Do not rub.
- INGESTION: Seek medical attention.

- INHALATION: Remove from exposure and contact physician.
- 4.1.2 Glass tile
- EYES: Remove any contact lenses. Rinse eyes with of water and consult a doctor.
  - SKIN: If laceration occurs seek appropriate first aid or medical attention for cuts and bleeding.
  - INGESTION: Not applicable
  - INHALATION: Not applicable
- 4.2. Other
- For toxicological information see section 11.

## **SECTION 5 FIRE FIGHTING MEASURES**

- 5.1. Fire-fighting measures
- The product is not classified as flammable or combustible under Directives 67/548 / EEC and Regulation EC No.1272/2008.
  - SUITABLE EXTINGUISHERS: Not applicable
  - EXTINGUISHING MEDIA NOT SUITABLE: Not applicable
- 5.2. Special hazards arising from the substance or mixture in a fire: None.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

- 6.1. Personal precautions, protective equipment and procedures in case of emergency.
- Safety glasses/goggles are recommended to protect eyes in the event of glass breakage. Appropriate personal protective equipment is recommended to protect hands, arms and body.
  - Cut by scoring and snap-breaking or by using a wet diamond saw. Do not dry cut with a diamond blade.
- 6.2. Methods and materials for containment and cleaning:
- Not considered a hazardous waste. Consult Federal, State and Local Regulations.
  - Recycle broken glass wherever appropriate facilities exist.

## **SECTION 7 HANDLING AND STORAGE**

- 7.1. Precautions for safe handling
- Use proper material handling equipment to avoid accidental breakage.
  - Ensure product is handled with proper personal protective equipment to avoid lacerations.
  - Stand out of the danger zone when moving glass.
- 7.2. Conditions for safe storage, including any incompatibilities
- Secure glass against breaking, falling, impact and vibrations

## **SECTION 8**

## **EXPOSURE CONTROLS**

### 8.1. Exposure controls

- The greatest risk in the handling and storage of glass is through laceration. Appropriate precautions to prevent the risk of this should be taken e.g. eye protection, cuffs, gloves, foot protection, head protection if handling above head height, etc.
- The use of adequate technical equipment must always take priority over personal protection equipment.
- In Europe, the personal protective equipment must bear the CE mark certifying its compliance with applicable regulations.
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#### **RESPIRATORY PROTECTION**

- Respiratory protection is not required under normal use of this product where there are no cutting or grinding operations that may generate dust.
- When cutting or grinding with diamond blades, use water to lubricate the blade and control dust. Respiratory protection may be necessary if engineering controls are not used to reduce dust generation during cutting or grinding operations.
- If respiratory protection is deemed necessary from exposure monitoring data, follow OSHA regulation 29 CFR 1910.134 or other local regulations.
- Always use a NIOSH or other approved respirator when necessary.

#### **HAND PROTECTION**

- Anti-laceration gloves recommended.

#### **SKIN PROTECTION**

- Glass handlers' cuffs, chaps, and apron should be worn as required.

#### **EYE PROTECTION**

- Goggles or face shield is recommended.

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

### 9.1. Information on basic physical and chemical.

- Appearance: Solid
- Color: Clear glass colored
- Odor: None
- Odour threshold: None
- pH: Not applicable
- Melting point: > 1100°C, >2000°F
- Boiling point: Not applicable
- Boiling range: Not applicable
- Flash point: Not applicable
- Evaporation rate: Not applicable.
- Flammability: Not applicable
- Lower explosive limit: Not applicable
- Upper explosive limit: Not applicable
- Vapor pressure: Not applicable.

- Vapor density: Not applicable.
- Relative density: 2.45 g/cc
- Solubility: Insoluble
- Ignition temperature: Not applicable.
- Decomposition temp: Not applicable
- Viscosity: Not applicable
- Explosive properties: Not applicable
- Oxidising properties: Not applicable

#### 9.2. Other information.

- No other relevant information.

## **SECTION 10 STABILITY AND REACTIVITY DATA**

#### 10.1. Reactivity.

- There are no risks of reaction with other substances during normal conditions of use.

#### 10.2. Chemical stability.

- The product is stable under normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions.

- In normal conditions of use and storage there are no dangerous reactions.

#### 10.4. Conditions to avoid.

- There are no particular conditions to avoid in normal use and storage.

#### 10.5. Incompatible materials.

- There are no incompatible materials to avoid in normal use and storage.

#### 10.6. Hazardous decomposition products.: None.

#### 10.7 Coatings.

- The coatings on the coated products listed in section 1 are all designed to pass European Standard (EN1096) which tests the coatings' durability to high temperatures, humidity, corrosive atmospheres and abrasion to ensure the coatings are not damaged or release materials in service. The coatings are stable during post-production processing (e.g. toughening). The coatings' surface is stable and inert.

## **SECTION 11 TOXICOLOGY INFORMATION**

#### 11.1. General information on effects.

- Glass tile products in their normal state do not present an inhalation or ingestion hazard. Fabrication operations such as cutting, grinding, seeming, edging or breaking may result in the release of airborne dust which may present a health hazard. Dust generated during breakage or fabrication of this product should be considered a "nuisance particulate".
- US regulation
- Component
- Particulate – not otherwise regulated
- CAS No.65997-17-3
- PEL15 mg/m<sup>3</sup> (total) 5 mg/m<sup>3</sup> (Respirable)
- TLV: 10 mg/m<sup>3</sup> (inhalable) 3 mg/m<sup>3</sup> (Respirable)

- UK regulation: 3
- UK occupational exposure standards are 10 mg/m total inhalable nuisance dust (8 hour time weighted average) and 4
- 3 mg/m for respirable nuisance dust (8 hour time weighted average).
- Other countries' exposure standards may vary and local guidance should be followed wherever appropriate.
- IOELVs are health-based limits set under the European Chemical Agents Directive (98/24/EC). Interstyle Glass is not assigned an IOELV

#### 11.2 Specific information in effects.

- Acute toxicity: The product is not classified as acutely toxic.
- Skin corrosion / irritation; The product is not classified as a skin irritant.
- Eye damage / irritation;: CLP Regulation: the product may cause serious eye damage.
- Respiratory or skin sensitization: The product does not cause skin sensitization.
- Germ cell mutagenicity: The product is not classified as a mutagen.
- Carcinogenicity: The product is not classified as a carcinogen.
- Reproductive toxicity: The product is not classified as reprotoxic.\

## **SECTION 12 ECOLOGICAL INFORMATION**

- 12.1. General toxicity: The product is not classified as toxic.
- 12.2. Persistence and degradability: Not applicable.
- 12.3. Bio-accumulation potential: Not applicable.
- 12.4. Mobility in soil: Not applicable.
- 12.5. Results of PBT and vPvB: The product does not contain PBT or vPvB substances according to Annex XIII of REACH regulation.
- 12.6. Other adverse effects: None known.

## **SECTION 13 DISPOSAL CONSIDERATIONS**

- 13.1. Methods of waste treatment.
- No specific disposal considerations.
  - Reuse or recycle the material when possible.
  - Dispose as an industrial waste per local requirements.
  - Broken glass ("cullet") and glass dust can be recycled into some new glass products and should be recycled wherever appropriate and possible.
  - Glass and glass dust is not considered a hazardous waste under USEPA RCRA, or European Hazardous Waste Directive definitions.
  - In Europe, waste from manufacture of glass and glass products have the following Consolidated European Waste Catalogue references -10 11 12
  - Waste glass (other than those mentioned in 10 11 11) 10 11 14
  - Glass polishing and grinding sludge (other than those mentioned in 10 11 13)

- For the coated glass products listed in section 1, the amount of material in the coatings is extremely small and has an insignificant impact on the composition of the glass with regard disposal. The coated glass can be recycled through conventional means alongside other glass.

## **SECTION 14 TRANSPORTATION INFORMATION**

- Glass is not classified as hazardous under European Directive 67/548/EC or Regulation 1272/2008 and does not require specific transportation conditions.
- Glass is not classified as hazardous for transport (ADR(Road), RID (Rail), IMDG/GGVSea (Sea).
- Glass is not a hazardous material under USDOT regulations, RQ = NA.
- Glass is not considered dangerous goods per Canadian TDG regulations.

## **SECTION 15 REGULATORY INFORMATION**

### 15.1. European standards and legislation on health, safety and environment.

- Substances in Candidate List (Art. 59 REACH): None.
- Substances subject to authorization (Annex XIV REACH): None.
- Substances subject to export notification Reg. (EC) 649/2012: None.
- Substances subject to the Rotterdam Convention: None.
- Substances subject to the Stockholm Convention: None.
- RoHS: The European Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)
- Directive bans the placing of new electrical and electronic equipment on the EU market containing more than certain levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. The products listed in section 1 meet these requirements and do not exceed threshold levels

### 15.2 US standards and legislation on health, safety and environment. Carcinogenicity:

- EPCRA, CERCLA, SARA:
- Reportable Quantity (RQ):
- TSCA (USA):
- Glass and Glass Dust is not listed by IARC, NTP or OSHA
- Glass and Glass dust is not listed as an Extremely Hazardous Substance under Section 302 and is not listed as a Hazardous Substance under Section 304
- The products do not contain any listed Section 313 (40 CFR 372) chemicals in amounts above the de minimis notification levels.

### 15.3. Chemical safety assessment: Not applicable.



## **SECTION 16 OTHER INFORMATION**

- Important note regarding REACH
- Although Interstyle and the Interstyle Group provide this information in this format, this document does not constitute a Safety Data Sheet with regard the European REACH regulation. The “substance” glass referred to in section 1 and “articles” manufactured from it are exempt from registration and thus do not require a Safety Data Sheet.
- The information in this sheet is based on knowledge available at the date of the last version. Users must verify the suitability and completeness of information in relation to the specific use of the product. It should not be construed as a guarantee on any specific product property.
- The information presented above is believed to be accurate and reliable to the best of our knowledge, however Interstyle makes no warranties expressed or implied regarding this information. In addition, since the use of the product is not within the control of Interstyle, it is the user’s obligation to determine the conditions of safe use of the product.