# SAFETY DATA SHEET



## 1. Identification

| Product identifier            | Concrete Products  |
|-------------------------------|--|
| Other means of identification |  |
| Synonyms                      | Lintels, Concrete Block, Pavers, Precast Pipe, Precast Concrete, Lafarge Pipe, Storm Pipe,<br>Sanitary Pipe, Insul-Core Building Wall Panels, Precast Panels, DUCTAL® Panels, PAVAMAXTM  |
| Recommended use               | Construction.  |
| Recommended restrictions      | Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust and respirable crystalline silica as well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations. Uses other than the recommended use. |

### Manufacturer/Importer/Supplier/Distributor information

| Company Name                  | Amrize Inc.  |
|-------------------------------|--|
| Address                       | 8700 W Bryn Mawr Ave, Suite 300  |
|                               | Chicago, IL 60631  |
| Telephone                     | (773) 372-1000   |
| Website                       | www.amrize.com   |
| E-mail                        | sdsinfo@amrize.com   |
| Emergency Telephone<br>Number | CHEMTREC within USA and Canada: 1-800-424-9300                           |
|                               | CHEMTREC outside LISA and Canaday 1 702 E27 2007 (called calls accorded) |

#### CHEMTREC outside USA and Canada: +1 703-527-3887 (collect calls accepted)

## 2. Hazard(s) identification

| Physical hazards        | Not classified.   |   |
|-------------------------|---|---|
| Health hazards          | Skin corrosion/irritation   | Category 2  |
|                         | Serious eye damage/eye irritation   | Category 1  |
|                         | Sensitization, skin   | Category 1  |
|                         | Carcinogenicity (inhalation)  | Category 1A   |
|                         | Specific target organ toxicity, single exposure   | Category 3 respiratory tract irritation   |
|                         | Specific target organ toxicity, repeated exposure (inhalation)  | Category 2 (Lungs)  |
| Environmental hazards   | Hazardous to the aquatic environment, acute hazard  | Category 3  |
| OSHA defined hazards    | Not classified.   |   |
| Label elements          |   |   |
| Signal word             | Danger  |   |
| Hazard statement        | Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. May cause cancer by inhalation. May cause damage to organs (Lungs) through prolonged or repeated exposure by inhalation. Harmful to aquatic life. |   |
| Precautionary statement |   |   |
| Prevention              | and understood. Do not breathe dust. Wash th  | handle until all safety precautions have been read<br>horoughly after handling. Use only outdoors or in a<br>ing must not be allowed out of the workplace. Avoid<br>loves/protective clothing/eye protection/face |

| Response                                     | If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. |  |
|--|---|--|
| Storage                                      | Store in a well-ventilated place. Keep container tightly closed. Store locked up.   |  |
| Disposal                                     | Dispose of contents/container in accordance with local/regional/national/international regulations.   |  |
| Hazard(s) not otherwise<br>classified (HNOC) | None known.   |  |
| Supplemental information                     | None.   |  |

# 3. Composition/information on ingredients

**Mixtures** 

| Chemical name     | CAS number | %       |
|-------------------|------------|---------|
| Quartz            | 14808-60-7 | ≤ 90    |
| Calcium hydroxide | 1305-62-0  | 15 - 25 |
| Portland cement   | 65997-15-1 | ≤ 10    |

**Composition comments** 

All concentrations are in percent by weight. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

#### 4. First-aid measures

| Inhalation   | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a poison center or doctor/physician if you feel unwell.  |
|--|---|
| Skin contact   | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.   |
| Eye contact  | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.   |
| Ingestion  | Rinse mouth. Get medical attention if symptoms occur.   |
| Most important<br>symptoms/effects, acute and<br>delayed                     | Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and<br>blurred vision. Permanent eye damage including blindness could result. May cause respiratory<br>irritation. Coughing. Skin irritation. May cause redness and pain. May cause an allergic skin<br>reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. |
| Indication of immediate<br>medical attention and special<br>treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation.<br>Symptoms may be delayed.   |
| General information  | IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.   |

# 5. Fire-fighting measures

| Suitable extinguishing media                                     | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).   |
|--|---|
| Unsuitable extinguishing media                                   | Do not use water jet as an extinguisher, as this will spread the fire.  |
| Specific hazards arising from the chemical                       | During fire, gases hazardous to health may be formed. Combustion products may include: Silicon oxides. Calcium oxides. Sulfur oxides. |
| Special protective equipment<br>and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.   |
| Fire fighting<br>equipment/instructions                          | Use water spray to cool unopened containers. Water runoff can cause environmental damage.   |
| Specific methods   | Use standard firefighting procedures and consider the hazards of other involved materials.  |
| General fire hazards   | Will burn if involved in a fire.  |

### 6. Accidental release measures

| Personal precautions,    | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear            |
|--------------------------|--|
| protective equipment and | appropriate protective equipment and clothing during clean-up. Do not breathe dust. Do not touch |
| emergency procedures     | damaged containers or spilled material unless wearing appropriate protective clothing. Ensure    |
| 0 11                     | adequate ventilation. Local authorities should be advised if significant spillages cannot be     |
|                          | contained. For personal protection, see section 8 of the SDS.                                    |

| Methods and materials for containment and cleaning up | The product is immiscible with water. Prevent product from entering drains.  |
|---|--|
|   | Large Spills: Stop the flow of material, if this is without risk. Following product recovery, flush area with water.   |
|   | Small Spills: Clean surface thoroughly to remove residual contamination.   |
|   | Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS. The product is insoluble in water.  |
| Environmental precautions                             | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.   |
| 7. Handling and storage                               |  |
| Precautions for safe handling                         | Obtain special instructions before use. Do not handle until all safety precautions have been read<br>and understood. Keep formation of airborne dusts to a minimum. Provide appropriate exhaust<br>ventilation at places where dust is formed. Do not breathe dust. Do not get this material in contact<br>with eyes. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be<br>handled in closed systems, if possible. Wear appropriate personal protective equipment. Avoid<br>release to the environment. Observe good industrial hygiene practices. Persons susceptible to<br>allergic reactions should not handle this product. |
| Conditions for asfa starage                           | Store locked up. Store in tightly closed container. Store in a well ventilated place. Store away from  |

**Conditions for safe storage, including any incompatibilities** Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

#### **Occupational exposure limits**

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

| Components                           | Туре                            | Value                         |                      |
|--------------------------------------|---------------------------------|-------------------------------|----------------------|
| Quartz (CAS 14808-60-7)              | TWA                             | 0.05 mg/m3                    |                      |
| US. OSHA Table Z-1 Permissible       | Exposure Limits (PEL) for Air   | Contaminants (29 CFR 1910.1   |                      |
| Components                           | Туре                            | Value                         | Form                 |
| Calcium hydroxide (CAS<br>1305-62-0) | PEL                             | 5 mg/m3                       | Respirable fraction. |
|                                      |                                 | 15 mg/m3                      | Total dust.          |
| Portland cement (CAS<br>65997-15-1)  | PEL                             | 5 mg/m3                       | Respirable fraction. |
|                                      |                                 | 15 mg/m3                      | Total dust.          |
| US. OSHA Table Z-3 Permissible       | Exposure Limits (PEL) for Min   | eral Dusts (29 CFR 1910.1000) |                      |
| Components                           | Туре                            | Value                         | Form                 |
| Portland cement (CAS<br>65997-15-1)  | TWA                             | 50 mppcf                      |                      |
| Quartz (CAS 14808-60-7)              | TWA                             | 0.1 mg/m3                     | Respirable.          |
|                                      |                                 | 2.4 mppcf                     | Respirable.          |
| US. ACGIH Threshold Limit Value      | es (TLV)                        |                               |                      |
| Components                           | Туре                            | Value                         | Form                 |
| Calcium hydroxide (CAS<br>1305-62-0) | TWA                             | 5 mg/m3                       |                      |
| Portland cement (CAS<br>65997-15-1)  | TWA                             | 1 mg/m3                       | Respirable fraction. |
| Quartz (CAS 14808-60-7)              | TWA                             | 0.025 mg/m3                   | Respirable fraction. |
| NIOSH. Immediately Dangerous t       | o Life or Health (IDLH) Values, | , as amended                  |                      |
| Components                           | Туре                            | Value                         |                      |
| Portland cement (CAS<br>65997-15-1)  | IDLH                            | 5000 mg/m3                    |                      |
| Quartz (CAS 14808-60-7)              | IDLH                            | 50 mg/m3                      |                      |
|                                      |                                 |                               |                      |

# US. NIOSH: Pocket Guide to Chemical Hazards

| Components                           | Туре   | Value  | Form                                       |
|--------------------------------------|--|--|--|
| Calcium hydroxide (CAS<br>1305-62-0) | TWA  | 5 mg/m3  |  |
| Portland cement (CAS<br>65997-15-1)  | TWA  | 5 mg/m3  | Respirable.                                |
|                                      |  | 10 mg/m3                                       | Total                                      |
| Quartz (CAS 14808-60-7)              | TWA  | 0.05 mg/m3                                     | Respirable dust.                           |
| Biological limit values              | No biological exposure limits noted for the ingredie   | ent(s).  |  |
| Exposure guidelines                  | Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica<br>should be monitored and controlled.   |  |  |
| Appropriate engineering controls     | Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower. |  |  |
| •                                    | such as personal protective equipment  |  |  |
| Eye/face protection                  | Wear safety glasses with side shields (or goggles)   | and a face shield.                             |  |
| Skin protection<br>Hand protection   | Wear appropriate chemical resistant gloves. Suital supplier.   | ble gloves can be rec                          | commended by the glove                     |
| Skin protection                      |  |  |  |
| Other                                | Wear appropriate chemical resistant clothing. Use  | of an impervious apr                           | on is recommended.                         |
| Respiratory protection               | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134.         |  |  |
| Thermal hazards                      | Wear appropriate thermal protective clothing, when   | n necessary.                                   |  |
| General hygiene<br>considerations    | Observe any medical surveillance requirements. A measures, such as washing after handling the mat smoking. Routinely wash work clothing and protect Contaminated work clothing should not be allowed   | erial and before eatin<br>tive equipment to re | ng, drinking, and/or<br>move contaminants. |

## 9. Physical and chemical properties

|  | -                                    |  |
|--|--------------------------------------|--|
| Appearance                                   |                                      |  |
| Physical state                               | Solid.                               |  |
| Form   | Solid.                               |  |
| Color  | Various.                             |  |
| Odor   | Odorless.                            |  |
| Odor threshold                               | Not applicable.                      |  |
| рН   | 7                                    |  |
| pH concentration                             | Property has not been measured.      |  |
| Melting point/freezing point                 | Property has not been measured.      |  |
| Initial boiling point and boiling            | Property has not been measured.      |  |
| range  |                                      |  |
| Flash point                                  | Not applicable, material is a solid. |  |
| Evaporation rate                             | Not applicable, material is a solid. |  |
| Flammability (solid, gas)                    | Will burn if involved in a fire.     |  |
| Upper/lower flammability or explosive limits |                                      |  |
| Explosive limit - lower (%)                  | Not applicable, material is a solid. |  |
| Explosive limit - upper (%)                  | Not applicable, material is a solid. |  |
| Vapor pressure                               | Not applicable, material is a solid. |  |
| Vapor density                                | Not applicable, material is a solid. |  |
| Relative density                             | Property has not been measured.      |  |
| Concrete Products                            |                                      |  |

Concrete Products

| Relative density temperature               | Property has not been measured.   |
|--|---|
| Solubility(ies)                            |   |
| Solubility (water)                         | Insoluble   |
| Partition coefficient<br>(n-octanol/water) | Not applicable for inorganic substances.  |
| Auto-ignition temperature                  | Not applicable, material is a solid.  |
| Decomposition temperature                  | Property has not been measured.   |
| Viscosity                                  | Not applicable, material is a solid.  |
| Other information                          |   |
| Density                                    | Property has not been measured.   |
| Explosive properties                       | Not explosive.  |
| Kinematic viscosity                        | Not applicable, material is a solid.  |
| Oxidizing properties                       | Not oxidizing.  |
| Particle size                              | Property has not been measured.   |
| 10. Stability and reactivity               |   |
| Reactivity                                 | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                         | Material is stable under normal conditions.   |
| Possibility of hazardous<br>reactions      | No dangerous reaction known under conditions of normal use.                                   |
| Conditions to avoid                        | Contact with incompatible materials.  |

| Incompatible materials              | Strong acids. Powerful oxidizers. Chlorine. Maleic anhydride. Nitroethane. Nitromethane. Nitroparaffins. Nitropropane. Phosphorus. |
|-------------------------------------|--|
| Hazardous decomposition<br>products | No hazardous decomposition products are known. In the event of fire: See Section 5.  |

## 11. Toxicological information

### Information on likely routes of exposure

| Inhalation   | May cause damage to organs through prolonged or repeated exposure by inhalation. May cause cancer by inhalation. May cause irritation to the respiratory system.  |
|--|---|
| Skin contact   | Causes skin irritation. May cause an allergic skin reaction.  |
| Eye contact  | Causes serious eye damage.  |
| Ingestion  | May cause discomfort if swallowed.  |
| Symptoms related to the physical, chemical and toxicological characteristics | Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and<br>blurred vision. Permanent eye damage including blindness could result. May cause respiratory<br>irritation. Coughing. Skin irritation. May cause redness and pain. May cause an allergic skin<br>reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects. |

#### Information on toxicological effects

| Acute toxicity           | Not expected to be acutely toxic. |                      |
|--------------------------|-----------------------------------|----------------------|
| Components               | Species                           | Test Results         |
| Calcium hydroxide (CAS 1 | 305-62-0)                         |                      |
| <u>Acute</u>             |                                   |                      |
| Oral                     |                                   |                      |
| LD50                     | Rat                               | 7340 mg/kg           |
| Portland cement (CAS 659 | 97-15-1)                          |                      |
| <u>Acute</u>             |                                   |                      |
| Dermal                   |                                   |                      |
| LD50                     | Rat                               | > 2000 mg/kg         |
| Inhalation               |                                   |                      |
| dust/mist                |                                   |                      |
| LC50                     | Rat                               | > 6.04 mg/l, 4 Hours |
| Oral                     |                                   |                      |
| LD50                     | Rat                               | > 1848 mg/kg         |
| Conoroto Droduoto        |                                   |                      |

Concrete Products

| Components   | Species   | Test Results   |
|--|---|--|
| Quartz (CAS 14808-60-7)  |   |  |
| Chronic  |   |  |
| Inhalation   |   |  |
| LOEC   | Human   | 0.0563 mg/m3   |
| Skin corrosion/irritation  | Causes skin irritation.   |  |
| Serious eye damage/eye<br>irritation   | Causes serious eye damage.  |  |
| Respiratory or skin sensitization  | 1   |  |
| <b>Respiratory sensitization</b>   | Not a respiratory sensitizer.   |  |
| Skin sensitization   | May cause an allergic skin rea  | ction.   |
| Germ cell mutagenicity   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.  |  |
| Carcinogenicity  | In 1997, IARC (the International Agency for Research on Cancer) concluded that crystalline silica inhaled from occupational sources can cause lung cancer in humans. However in making the overall evaluation, IARC noted that "carcinogenicity was not detected in all industrial circumstances studied. Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting its biological activity or distribution of its polymorphs." (IARC Monographs on the evaluation of the carcinogenic risks of chemicals to humans, Silica, silicates dust and organic fibres, 1997, Vol. 68, IARC, Lyon, France.) In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and, apparently, not in employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore, preventing the onset of silicosis will also reduce the cancer risk" (SCOEL SUM Doc 94-final, June 2003) According to the current state of the art, worker protection against silicosis can be consistently assured by respecting the existing regulatory occupational exposure limits. May cause cancer by inhalation. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled. |  |
| IARC Monographs. Overall I   | Evaluation of Carcinogenicity   |  |
| Quartz (CAS 14808-60-7)<br>NTP Report on Carcinogens   |   | 1 Carcinogenic to humans.  |
| • · · · • • • • • • • • • • •  |   |  |
| Quartz (CAS 14808-60-7)<br>OSHA Specifically Regulate  | ,<br>d Substances (29 CFR 1910.10   | Known To Be Human Carcinogen.<br>01-1053)  |
|  | d Substances (29 CFR 1910.10  |  |
| OSHA Specifically Regulate   | d Substances (29 CFR 1910.10  | 01-1053)   |
| OSHA Specifically Regulate<br>Quartz (CAS 14808-60-7)  | d Substances (29 CFR 1910.10  | <b>01-1053)</b><br>Cancer<br>cause reproductive or developmental effects.  |
| OSHA Specifically Regulate<br>Quartz (CAS 14808-60-7)<br>Reproductive toxicity<br>Specific target organ toxicity -   | d Substances (29 CFR 1910.10<br>This product is not expected to<br>May cause respiratory irritation   | <b>01-1053)</b><br>Cancer<br>cause reproductive or developmental effects.  |
| OSHA Specifically Regulate<br>Quartz (CAS 14808-60-7)<br>Reproductive toxicity<br>Specific target organ toxicity -<br>single exposure<br>Specific target organ toxicity -  | d Substances (29 CFR 1910.10<br>This product is not expected to<br>May cause respiratory irritation   | <b>01-1053)</b><br>Cancer<br>cause reproductive or developmental effects.  |
| OSHA Specifically Regulate<br>Quartz (CAS 14808-60-7)<br>Reproductive toxicity<br>Specific target organ toxicity -<br>single exposure<br>Specific target organ toxicity -<br>repeated exposure   | d Substances (29 CFR 1910.10<br>This product is not expected to<br>May cause respiratory irritation<br>May cause damage to organs<br>Not an aspiration hazard.<br>Prolonged inhalation may be h   | <b>01-1053)</b><br>Cancer<br>cause reproductive or developmental effects.  |
| OSHA Specifically Regulate<br>Quartz (CAS 14808-60-7)<br>Reproductive toxicity<br>Specific target organ toxicity -<br>single exposure<br>Specific target organ toxicity -<br>repeated exposure<br>Aspiration hazard                    | d Substances (29 CFR 1910.10<br>This product is not expected to<br>May cause respiratory irritation<br>May cause damage to organs<br>Not an aspiration hazard.<br>Prolonged inhalation may be h<br>repeated exposure. Prolonged   | 01-1053)<br>Cancer<br>cause reproductive or developmental effects.<br>(Lungs) through prolonged or repeated exposure by inhalation.<br>armful. May cause damage to organs through prolonged or |
| OSHA Specifically Regulate<br>Quartz (CAS 14808-60-7)<br>Reproductive toxicity<br>Specific target organ toxicity -<br>single exposure<br>Specific target organ toxicity -<br>repeated exposure<br>Aspiration hazard<br>Chronic effects | d Substances (29 CFR 1910.10<br>This product is not expected to<br>May cause respiratory irritation<br>May cause damage to organs<br>Not an aspiration hazard.<br>Prolonged inhalation may be h<br>repeated exposure. Prolonged   | 01-1053)<br>Cancer<br>cause reproductive or developmental effects.<br>(Lungs) through prolonged or repeated exposure by inhalation.<br>armful. May cause damage to organs through prolonged or |

| Components           |                | Species                             | Test Results        |
|----------------------|----------------|-------------------------------------|---------------------|
| Calcium hydroxide (C | CAS 1305-62-0) |                                     |                     |
| Aquatic              |                |                                     |                     |
| Acute                |                |                                     |                     |
| Fish                 | LC50           | Zambezi barbel (Clarias gariepinus) | 33.9 mg/l, 96 hours |
| Portland cement (CA  | S 65997-15-1)  |                                     |                     |
| Aquatic              |                |                                     |                     |
| Acute                |                |                                     |                     |
| Algae                | EC50           | Desmodesmus subspicatus             | 28.2 mg/l, 72 Hours |
|                      | NOEC           | Desmodesmus subspicatus             | 6.25 mg/l, 72 Hours |
|                      |                |                                     |                     |

| Components                  |   | Species                                   | Test Results         |
|-----------------------------|---|---|----------------------|
| Crustacea                   | EC50  | Daphnia magna                             | > 100 mg/l, 48 Hours |
| Chronic                     |   |   |                      |
| Crustacea                   | NOEC  | Daphnia magna                             | 50 mg/l, 21 days     |
| Terrestrial                 |   |   |                      |
| Acute                       |   |   |                      |
| Other                       | EC50  | Other bacteria soil microorganisms        | 743 mg/l, 3 Hours    |
| rsistence and degradability | The produ   | ct contains inorganic compounds which are | not biodegradable.   |
| paccumulative potential     | No data available.  |   |                      |
| bility in soil              | The product is insoluble in water. Not expected to be mobile in soil.                             |   |                      |
| her adverse effects         | No data available.  |   |                      |
| 8. Disposal consideration   | ons   |   |                      |
| sposal instructions         | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow |   |                      |

|  | this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
|--|--|
| Local disposal regulations               | Dispose in accordance with all applicable regulations.   |
| Hazardous waste code                     | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| Waste from residues / unused<br>products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.  |
| Contaminated packaging                   | Since emptied containers may retain product residue, follow label warnings even after container is<br>emptied. Empty containers should be taken to an approved waste handling site for recycling or<br>disposal.                       |

### 14. Transport information

#### DOT

Not regulated as dangerous goods.

# 

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

# Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

#### 15. Regulatory information

**US federal regulations** 

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

#### Not regulated.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Quartz (CAS 14808-60-7)

#### Cancer lung effects immune system effects kidney effects

## **Toxic Substances Control Act (TSCA)**

All components of the mixture on the TSCA 8(b) inventory are designated "active".

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

## SARA 302 Extremely hazardous substance

Not listed.

|      | SARA 311/312 Hazardous   | Yes  |                                |
|------|--|--|--------------------------------|
|      | chemical<br>Classified hazard<br>categories                                  | Skin corrosion or irritation<br>Serious eye damage or eye irritation   |                                |
|      |  | Respiratory or skin sensitization<br>Carcinogenicity<br>Specific target organ toxicity (single or repeated exposure) |                                |
|      | SARA 313 (TRI reporting)<br>Not regulated.                                   |  |                                |
| Othe | er federal regulations   |  |                                |
|      | •  | 112 Hazardous Air Pollutants (HAPs) List   |                                |
|      | Not regulated.   |  |                                |
|      |  | 112(r) Accidental Release Prevention (40 CFR 68.130)   |                                |
|      | Not regulated.   |  |                                |
|      | Safe Drinking Water Act (SDWA)   | Not regulated.   |                                |
|      | state regulations  |  |                                |
|      | US. Massachusetts RTK - Si   | ibstance List  |                                |
|      | Calcium hydroxide (CAS<br>Portland cement (CAS 65<br>Quartz (CAS 14808-60-7  | 997-15-1)  |                                |
|      |  | Community Right-to-Know Act  |                                |
|      | Calcium hydroxide (CAS<br>Portland cement (CAS 65<br>Quartz (CAS 14808-60-7) | 1305-62-0)<br>997-15-1)  |                                |
|      | US. Pennsylvania Worker ar   | d Community Right-to-Know Law  |                                |
|      | Calcium hydroxide (CAS<br>Portland cement (CAS 65<br>Quartz (CAS 14808-60-7) | 997-15-1)  |                                |
|      | US. Rhode Island RTK   |  |                                |
|      | Calcium hydroxide (CAS<br>Portland cement (CAS 65<br>Quartz (CAS 14808-60-7) | 997-15-1)  |                                |
|      | California Proposition 65  |  |                                |
|      |  | s product can expose you to Quartz, which is known to the State<br>more information go to www.P65Warnings.ca.gov.    | of California to cause cancer. |
|      | California Proposition 6   | 5 - CRT: Listed date/Carcinogenic substance  |                                |
|      | Quartz (CAS 14808-   | S0-7) Listed: October 1, 1988  |                                |
| Inte | rnational Inventories  |  |                                |
|      | Country(s) or region   | Inventory name   | On inventory (yes/no)*         |
|      | Australia  | Australian Inventory of Industrial Chemicals (AICIS)   | Yes                            |
|      | Canada   | Domestic Substances List (DSL)   | Yes                            |
|      | Canada   | Non-Domestic Substances List (NDSL)  | No                             |
|      | China  | Inventory of Existing Chemical Substances in China (IECSC)   | Yes                            |
|      | Japan  | Inventory of Existing and New Chemical Substances (ENCS)   | No                             |
|      | Korea  | Existing Chemicals List (ECL)  | Yes                            |
|      | New Zealand  | New Zealand Inventory  | Yes                            |
|      | Philippines  | Philippine Inventory of Chemicals and Chemical Substances<br>(PICCS)   | No                             |
|      | Taiwan   | Taiwan Chemical Substance Inventory (TCSI)   | Yes                            |
|      | United States & Puerto Rico  | Toxic Substances Control Act (TSCA) Inventory  | Yes                            |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

# 16. Other information, including date of preparation or last revision

| Issue date    | 29-May-2025  |
|---------------|--|
| Revision date | -  |
| Version #     | 01   |
| HMIS® ratings | Health: 3*<br>Flammability: 1<br>Physical hazard: 0  |
| Disclaimer    | Amrize Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the |

sheet was written based on the best knowledge and experience currently available.