SECTION 1 - IDENTIFICATION

1.1. **Product identifier**
Willki architectural stone panels

1.2. **Recommended Use**
Building material for interior or exterior wall

1.3. **Manufacturer**
Déco Nat Inc.
15, rue de l'Atlantique
Bromont, QC (Canada) J2L 2R3
450-534-1250

1.4. **Emergency phone number**
450-534-1250 8h – 16h30 (EST) Monday to Friday

SECTION 2 – HAZARD(S) IDENTIFICATION

2.1 **Hazard classification of the substance or mixture**
This product is an article as defined in the OSHA Hazard Communication Standard [29 CFR 1910.1200 (c)] and is exempt from regulatory requirements when handled as a manufactured product. This Safety Data Sheet (SDS) contains additional information on health hazards associated with cutting, grinding, crushing, drilling, or breaking activity that may result in dust generation.

Classification (GHS-US) Eye irritation 2B
Respiratory irritation single exposure STOT 3
Respiratory disease STOT repeated exposure 2
Carcinogen 1A

2.2 **Label Elements**
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Signal word	Danger
Hazard Statement	May cause eye irritation (H320) May cause respiratory irritation (H335) May cause cancer (H350) May cause damage to the respiratory system through prolonged or repeated exposure (H372)
Safety advice	Do not handle until all safety precautions have been read and understood. (P202) Avoid breathing dust; in case of insufficient ventilation, wear respiratory protection. (P264) (P284) Cut/grind/crush the product in a well-ventilated area. (P271) Wear protective gloves, protective clothing and eye protection. (P280)

2.3 **Other Hazards**
Dust generated by cutting, grinding, crushing, drilling or breaking can aggravate pre-existing eye, skin or respiratory conditions.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

The product is a piece of hardened concrete that may form hazardous dust when subjected to cutting, grinding, drilling or breaking.

Chemical name	CAS number	Concentration (approx.)
Portland Cement	65997-15-1	15-30% per mass
Slag	65996-69-2	40-70% per mass
Iron oxide pigments	1309-37-1	0-5% per mass
Chemical adjuvants	Internal	0-5% per mass

Note: This product contains additional unclassified substances at low concentrations that do not contribute to the hazards of this product.

SECTION 4 – FIRST AID MEASURES

4.1 First aid by exposure route

INHALATION	Remove from exposure to airborne particles and move the person to fresh air, keeping them at rest in a position comfortable for breathing.
SKIN CONTACT	Wash with soap and water. If an allergic reaction causes a rash that does not heal within a few days, consult a doctor. Treat abrasions like any other scrape or cut with disinfectants and bandages.
EYE CONTACT	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing until pain or irritation subsides. Get medical help if irritation persists.
INGESTION	This is not a normal route of exposure. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Do not give anything by mouth to an unconscious person.
IF SYMPTOMS PERSIST	Get medical help or advice.

4.2 Most important symptoms/effects

ACUTE	Direct exposure to dust generated by cutting, grinding, crushing, drilling, or breaking can cause eye damage/irritation, skin irritation, and respiratory irritation. Dust can dry and irritate the skin and cause dermatitis. May irritate eyes and skin through mechanical abrasion.
DELAYED	Chronic exposure to inhaled dust generated by cutting, grinding, crushing, drilling, or breaking can cause lung damage with repeated exposure. Chronic inhalation of dust containing free crystalline silica can lead to silicosis.

4.3 Indication of immediate medical attention and special treatment needed

Whenever symptoms of eye or respiratory irritation persist, seek medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

5.1 **Suitable extinguishing media**
The product is not flammable. Use an extinguishing media appropriate for the surrounding fire.

5.2 **Unsuitable extinguishing media**
Not applicable.

5.3 **Specific hazards arising from the chemical**
The manufactured stone as shipped presents no fire or explosion hazard.

5.4 **Special protective equipment and precautions for firefighters**
Not applicable.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 **Personal precautions, protective equipment and emergency procedures**
General Measures: Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

6.1.1. **For unnecessary personnel**
Protective Equipment: Use appropriate personal protective equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.

6.1.2 **For emergency personnel**
Protective equipment: Equip the cleanup crew with appropriate protection.
Emergency procedures: Ventilate the area if dust is present.

6.1.3 **Environmental precautions**
Reuse the product properly to avoid disposal.

6.2 **Methods and materials for containment and cleaning up**
For containment: Contain and collect as you would any solid. Avoid actions that cause dust to become airborne. Do not breathe dust or allow large amounts of dust to come into contact with skin. See Section 8 for exposure controls and personal protection.

SECTION 7 – HANDLING AND STORAGE

7.1 **Precautions for safe handling**
Minimize dust generation and accumulation. Avoid breathing dust.

7.2 **Conditions for safe storage, including any incompatibilites**
Always stack and store manufactured stone stably to avoid the risk of falling.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Component	OSHA PEL [1]	ACGIH-TLV [2]	NIOSH REL [3]
Portland Cement	15 mg/m³ (total dust) 5 mg/m³ (respirable)	10 mg/m³ (total dust)	10 mg/m³ (total dust) 5 mg/m³ (respirable)
Slag	Not etablished	Not established	Not established
Iron oxide pigments	10 mg/m³ (respirable)	5 mg/m³ (respirable)	5 mg/m³ (total dust)

(1) OSHA PEL (Permissible Exposure Level at 29 CFR 1910.1000)
(2) ACGIH-TLV (American Conference of Governmental Industrial Hygienists-Threshold Limit Values 2015)
(3) NIOSH REL (National Institute for Occupational Safety & Health Recommended Exposure Limit)

8.2 Appropriate engineering controls

Ensure adequate ventilation to keep exposures below the OSHA PEL and ACGIH TLV limits for quartz and other substances. Electrical equipment must be equipped with dust collection devices in case of cutting/grinding/shredding of products. Emergency eyewash equipment must be available in the immediate vicinity of any potential exposure.

8.3 Individual protection measures, such as personal protective equipment

Safety glasses or goggles and gloves. Wear respiratory protection if dusty when cutting/grinding/shredding the product.

Hand protection:	Appropriate protective gloves to prevent abrasion and hand injuries.
Eye/face protection:	Approved safety glasses, goggles, and/or face shield.
Skin protection:	Wear appropriate protective clothing.
Respiratory protection:	If exposure limits are exceeded or irritation is observed, approved respiratory protection must be worn.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Lower Flammability Limit	Unavailable
Form	Variety of colors and textures	Upper Flammability Limit	Unavailable
Odor	Odorless	Vapor Pressure	Unavailable
Odor Threshold	Unavailable	Relative Vapor Density at 20°C	Unavailable
pH	Unavailable	Relative Density	Unavailable
Melting Point/Freezing Point	Unavailable	Solubility	Unavailable
Boiling Point/Boiling Range	Unavailable	Partition Coefficient: N-Octanol/Water	Unavailable
Flash Point	Unavailable	Auto-Ignition Temperature	Unavailable
Evaporation Rate	Unavailable	Decomposition Temperature	Unavailable
Flammability (Solid; Gas)	Non-combustible	Viscosity	Unavailable

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical stability	Stable under handling conditions.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Not available.
Incompatible materials	Not available.
Hazardous decomposition products	Not available.

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 **Information on likely routes of exposure**

The manufactured stone as shipped does not present a risk of inhalation, ingestion or contact.

INHALATION	Dust or manufactured stone fragments may cause nasal and respiratory congestion and irritation.
CONTACT WITH SKIN	Dust or manufactured stone fragments may cause allergic reactions in hypersensitive individuals; may cause skin cuts and abrasions.
CONTACT WITH EYES	May cause irritation from abrasion with dust or residue.
INGESTION	This is not a normal route of exposure. May cause temporary obstruction and irritation of the digestive tract.

11.2 **Symptoms related to the physical, chemical and toxicological characteristics**

The toxicological properties of the formulation have not been studied. The information in this section describes the potential hazards of crystalline silica. Manufactured stone dust may contain crystalline silica, a chemical that has been determined by some agencies to cause cancer, and other chemicals known to cause cancer, birth defects, and other reproductive harm. Inhalation of manufactured stone dust above established or recommended exposure levels should be avoided by using wet sawing or shaping and/or using a NIOSH and/or MSHA-approved respirator.

11.2.1 **Carcinogenicity**

The following carcinogenicity classifications for crystalline silica have been established by the following agencies:

OSHA: Not regulated as a carcinogen	NIOSH: Carcinogenic, not further classified for humans
IARC: Group 1 carcinogen	NTP: Known carcinogen

11.3 **Immediate and delayed/chronic effects of short and long-term exposure**

Immediate effects : Irritation of the skin, eyes, and respiratory tract due to abrasion or inhalation of dust will cause immediate discomfort, and first aid should be provided.

Delayed and chrocnic effects: Prolonged or repeated inhalation of dust may cause chronic lung disease or silicosis, and may also lead to lung cancer, particularly in tobacco smokers.

11.4 **Numerical measures of toxicity, including acute toxicity estimates (ATEs)**

The acute and chronic effects of exposure to dust from this product have not been quantified.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity	No additional information available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Considered non-hazardous waste. Follow applicable federal, state, and local regulations.

SECTION 14 – TRANSPORT INFORMATION

This material is not regulated for transport as a hazardous material/dangerous goods. No additional information available.

SECTION 15 – REGULATORY INFORMATION

15.1 **Product-specific safety, health and environmental regulations**

SARA 311 & 312	Acute and chronic health hazards when dust is generated. There is no fire, sudden release of pressure, or reactive hazard.
EPCRA Section 313	Manufactured stones as shipped are not subject to the reporting requirements of Section 313, the Toxic Chemical Release Inventory.
Canada and USA regulations	Iron oxide and quartz are listed on one or more national hazardous substances lists, as well as the Ingredient Disclosure List of the Canadian Hazardous Products Act.
California	As provided by the California Safe Drinking Water and Toxic Enforcement Act of 1986, the following statement applies: **WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.**

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SECTION 16 – OTHER INFORMATION

16.1 **Date of preparation or last revision**
05/08/2025

16.2 **Abbreviations**

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstract Service Registry Number
CFR	Code of Federal Regulations
EPCRA	Emergency Planning and Community Right-to-Know Act
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IARC	International Agency for Research on Cancer
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety & Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Level
PPE	Personal Protective Equipment
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
STOT	Specific Target Organ Toxicity-
TLV	Threshold Limit Values

16.3 **Prepared by**
Déco Nat Inc.

16.4 **Disclaimer**
The information and recommendations set forth herein are based on data we have in our possession and are believed to be accurate. However, it is the user's responsibility to determine the safety, toxicity, or suitability for their own use of the product described herein. Because the actions of others are beyond our control, Déco Nat Inc. makes no express or implied warranties regarding the accuracy of the data or the results to be obtained from its use.

End of Safety Data Sheet