SAFETY DATA SHEET: ECOPAVR®

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Norfolk, NE 68701	Emergency: 888-379-2210	ECOPAVR®

Section 1: Product Information

Product Name:	ECOPAVR®
Description:	Concrete paving product for decks, docks, patios, walkways, pool surrounds, rooftops and raised pedestal systems.

Section 2: Hazard(s) Identification

Classification	Finished concrete matrix article. Mechanical processing may generate airborne dust containing respirable crystalline silica. Eye Irritation 2B; Respiratory Irritation - STOT SE 3; Respiratory Illness - STOT RE 2; Carcinogenicity 1A (respirable crystalline silica dust).
Signal Word	DANGER - for dust-generating operations
Hazard Statements	May cause eye and respiratory irritation. May cause cancer by inhalation of respirable crystalline silica. May cause respiratory system damage through prolonged or repeated exposure.
Precautionary Statements 	Avoid breathing dust. Use wet cutting or effective dust collection. Wear protective gloves, clothing, eye protection and appropriate respiratory protection. Move exposed persons to fresh air; rinse eyes with water for at least 15 minutes.
Other Hazards	Heavy pavers create lifting, pinch, crush and impact hazards. Use team lifting or mechanical assistance.

Section 3: Composition/Information on Ingredients

Chemical Name	CAS#	Concentration %	Notes
Cementitious Material	65997-15-1	Approx. 19%	May include Portland cement
Aggregates	N/A	Approx. 80%	Natural or recycled aggregates
Proprietary Additives	N/A	Approx. 1%	Pigments / proprietary additives
Crystalline Silica as Quartz*	14808-60-7	Not provided	May be present in mineral aggregate/cementitious fractions

***Manufacturer review:** The supplied ECOPAVR® information states cutting/grinding dust may contain crystalline silica but does not provide a concentration. Confirm the concentration/range from current raw-material SDSs before external release.

Section 4: First Aid Measures

Skin Contact	Wash with soap and water. Treat abrasions/crushing injuries appropriately. Seek care for significant injury or persistent irritation.
Eye Contact	Flush with clean water for at least 15 minutes. Remove contact lenses if easy to do. Seek medical attention if irritation persists.
Swallowed	Rinse mouth. Seek medical attention if discomfort persists.
Inhaled	Move to fresh air. Seek medical attention if coughing or irritation persists. Repeated high-level silica dust exposure may cause chronic respiratory disease.

Section 5: Fire Fighting Measures

Extinguishing Media	Use media appropriate for surrounding fire.
Special Substance Mixture Hazards	Finished product is non-combustible and non-explosive.
Special Fire Fighting Procedures	Use protective equipment appropriate for surrounding fire conditions.

Section 6: Accidental Release Measures

Environmental Precautions	Avoid unnecessary release of dust or slurry into waterways or drains.
Suitable Collection	Collect solid pieces manually or mechanically. Use HEPA-filtered vacuuming or wet methods for dust.
Containment and Cleaning Up	Avoid dry sweeping that creates airborne dust. Reuse or recycle solid product where practical.

Section 7: Handling and Storage

Handling	Avoid dust inhalation. Cutting, crushing, drilling or grinding may release respirable crystalline silica. Use wet cutting and/or effective dust collection and appropriate PPE. Use proper lifting techniques.
Storage	Store pallets on stable, level surfaces and keep loads secure. Keep packaging intact until use and minimize breakage/dust generation.

Section 8: Exposure Control and Personal Protection

Respiratory Protection	Use a NIOSH-approved respirator when required by exposure assessment or applicable OSHA silica standards.
Eye Protection	Wear safety glasses with side shields, goggles or face shield when cutting or machining.
Ventilation	Use wet methods, local exhaust and/or HEPA dust collection.
Exposure Limits	Respirable crystalline silica - OSHA PEL: 50 µg/m^3 (0.05 mg/m^3), 8-hr TWA; Action Level: 25 µg/m^3 (0.025 mg/m^3), 8-hr TWA; NIOSH REL: 0.05 mg/m^3 TWA.
Other	Wear work gloves, protective footwear and hearing protection as appropriate. Wash hands after handling.

Section 9: Physical and Chemical Properties

Physical State	Solid concrete paver
Appearance	Various colors and textures
Odor	None or slight
pH	Not applicable to intact finished article; dust/wet slurry not characterized
Flash Point / Flammability	Not applicable / Non-flammable
Relative Density	No data available
Solubility in Water	No data available
Viscosity	Not applicable

Section 10: Stability and Reactivity

Stability	Stable under normal conditions.
Avoid	Uncontrolled generation of airborne dust.
Incompatible Materials	None known for finished pavers.
Hazardous Decomposition	Not applicable under normal conditions.

Section 11: Toxicological Information

Information	Finished product has low acute toxicity in solid form. Dust may irritate skin, eyes and respiratory tract. Repeated/prolonged inhalation of respirable crystalline silica can cause silicosis and other respiratory disease. Respirable crystalline silica (quartz) from occupational sources is classified by IARC as carcinogenic to humans (Group 1).

Section 12: Ecological Information

Information	Finished pavers are inert in normal use. Minimize release of dust or slurry. Product is not biodegradable. No bioaccumulative potential or other adverse effects are known from supplied information.

Section 13: Disposal Considerations

Disposal	Reuse or recycle unused/broken pavers where practical. Dispose of pavers, dust and slurry in accordance with applicable federal, state and local regulations. Avoid dust propagation.

Section 14: Transport Information

Transport Status	Not regulated as hazardous material or dangerous goods based on supplied product information.
UN Number	Not regulated
Hazard Class	Not applicable
Environmental Hazards	None known
Special Precautions	Secure loads against movement and follow applicable weight/material-handling requirements.

Section 15: Regulatory Information

OSHA Hazard Communication	Finished concrete products may qualify as articles under applicable conditions; foreseeable cutting, grinding or drilling can generate hazardous silica-containing dust. Construction tasks may be subject to OSHA 29 CFR 1926.1153; general industry/maritime to 29 CFR 1910.1053.
California Proposition 65	Crystalline silica (airborne particles of respirable size) is listed by California as a chemical known to cause cancer. Review warning obligations for the specific distribution and exposure scenario.
Other Regulations	Users are responsible for compliance with applicable federal, state, local and site-specific requirements.

Section 16: Other Information

Preparation / Revision Date	August 2026
Version	4.0
Responsible Party	NCP Industries, PO Box 636, Norfolk, NE 68702 | 888-379-2210 | ncpindustries.com
Disclaimer	Information is based on supplied ECOPAVR® product information and believed accurate. Users must determine suitability, safe use and disposal. Conditions of use are beyond NCP Industries' control. Confirm crystalline silica concentration/range from current raw-material SDSs before final external release.