

# SAFETY DATA SHEET

Revision Date: 12-Feb-2021

Version 2

## 1. IDENTIFICATION

### Product identifier

**Product name** Foxfire Matrix Pro™

**Recommended use** Product for construction materials  
**Uses advised against** Non-cementitious/non-masonry applications

### Details of the supplier of the safety data sheet

Foxfire Enterprises, Inc.  
18440 3<sup>rd</sup> Street  
San Antonio, Texas 78266  
(254) 829-1943

### Emergency telephone number

**Emergency telephone** **Foxfire** (254) 829-1943  
**CHEMTREC** (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

**OSHA Regulatory Status**  
Not classified

### Label Elements

**Signal word**  
None

**Hazard statements**  
None

**Precautionary Statements**  
None

### Hazards not otherwise classified (HNOC)

**Health:** Not Applicable.

**Physical:** Not Applicable.

### Other Information

None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is a mixture. Health hazard information is based on its ingredients

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account

## 4. FIRST AID MEASURES

### Description of first aid measures

**General Advice** Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray. When symptoms persist call physician

**Inhalation** Remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing give artificial respiration and/or oxygen

<b>Skin contact</b>	Wash off immediately with soap and water. Remove and wash contaminated clothing before re-use.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with skin, eyes and clothing

**Most important symptoms and effects, both acute and delayed**

**Main symptoms** None known

**Indication of immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment: Use CO<sub>2</sub>, dry chemical, or foam. Cool containers / tanks with water spray

**Extinguishing media which shall not be used for safety reasons**

Do not use a solid water stream as it may scatter and spread fire

**Special hazards arising from the substance or mixture****Special Hazard**

During fire, gases hazardous to health may be formed.

**Hazardous decomposition products**

Flammable hydrogen gas may be produced on contact with aluminum, tin, lead and zinc

**Advice for firefighters****Special protective equipment for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. In case of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition

**Advice for non-emergency personnel**

Material can create slippery conditions. Evacuate personnel to safe areas. Do not touch or walk through spilled material.

**Advice for emergency responders**

For personal protection see section 8

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Keep people away from and upwind of spill/leak. Do not flush into surface water or sanitary sewer system. If material is released indicate risk of slipping. Do not walk through spilled material. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. High pH of this material may be harmful to aquatic life.

**Methods and materials for containment and cleaning up**

Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust). Dike to collect large liquid spills.

**Reference to other sections**

See Section 8/12/13 for additional information

## 7. HANDLING AND STORAGE

**Precautions for Safe handling**

Wear personal protective equipment. Avoid contact with skin, eyes, and clothing. Remove and wash contaminated clothing before re-use. Ensure adequate ventilation. Avoid generation of mist. Do not eat, drink, or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Remove all sources of ignition.

**Conditions for safe storage, including any incompatibilities****Technical measures/Storage conditions**

Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from open flames, hot surfaces, and sources of ignition. Keep from freezing. Keep out of the reach of children. Avoid formation of aerosol.

**Recommended Shelf Life**

No information available

**Incompatible materials**

Strong oxidizing agents, strong acids, strong bases, water reactive metals, and ammonium salts, aluminum, fiberglass, copper, brass, zinc

**Specific end uses**

**Specific use(s)** Penetrating sealer, densifier, chloride reducer and primer for concrete, masonry, and stone

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.

**Exposure controls**

<b>Engineering Controls</b>	Showers Eyewash stations Ventilation systems
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**Individual protection measures, such as personal protective equipment**

<b>Eye protection</b>	Safety goggles
<b>Skin and body protection</b>	Wear protective clothing to cover exposed areas of arms, legs, and torso. Wear impervious butyl rubber protective gloves
<b>Respiratory protection</b>	No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit
<b>Hygiene measures</b>	Wear personal protective equipment. Avoid contact with skin, eyes, and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	liquid	<b>Odor</b>	Odorless
<b>Appearance</b>	Clear to slightly translucent	<b>Odor threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks / • Method</u>
pH	11 – 12	Estimated
Melting point/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	Miscible	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### Other information

Molecular weight	No information available
VOC Content	No information available
VOC content (ASTM E-1868-10)	No information available
Bulk density	No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

None under normal use conditions

### Chemical Stability

Stable under recommended storage conditions

### Possibility of Hazardous Reactions

None under normal processing

### Conditions to avoid

Do not freeze

### Incompatible materials

Strong oxidizing agents, strong acids, strong bases, water reactive substances (e.g. acetic anhydride, alkyl aluminum chloride, calcium carbide, ethyl dichlorosilane). Gels and generates heat when mixed with acid. May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc

### Hazardous Decomposition Products

Hydrogen.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Due to the pH of the mixture (see Section 9) possible skin/eye corrosion cannot be disregarded.
<b>Inhalation</b>	Based on available data, the classification criteria are not met.
<b>Eye contact</b>	Based on available data, the classification criteria are not met.
<b>Skin contact</b>	Based on available data, the classification criteria are not met.
<b>Ingestion</b>	Based on available data, the classification criteria are not met.

### Component Information

No information available

### Information on toxicological effects

<b>Symptoms</b>	Due to the pH of the mixture (see Section 9) possible skin/eye corrosion cannot be disregarded.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin corrosion/irritation</b>	Based on available data, the classification criteria are not met.
<b>Serious eye damage/eye irritation</b>	Based on available data, the classification criteria are not met.
<b>Sensitization</b>	Based on available data, the classification criteria are not met.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - single exposure</b>	Based on available data, the classification criteria are not met.
<b>Specific target organ toxicity - Repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No information available

### Persistence and degradability

This material is not persistent in aquatic systems, but its high pH when undiluted or unneutralized is acutely harmful to aquatic life. Diluted material rapidly depolymerizes to yield dissolved silica in a form that is indistinguishable from natural dissolved silica. It does not contribute to BOD.

### Bioaccumulation

This material does not bioaccumulate except in species that use silica as a structural material such as diatoms and siliceous sponges. Where abnormally low natural silica concentrations exist (less than 0.1 ppm), dissolved silica may be a limiting nutrient for diatoms and a few other aquatic algal species. However, the addition of excess dissolved silica over the limiting concentration will not stimulate the growth of diatom populations; their growth rate is independent of silica concentration once the limiting concentration is exceeded. Neither silica nor potassium will appreciably bioconcentrate up the food chain.

**Mobility**

Sinks and mixes with water. Only water will evaporate from this material.

**Other adverse effects**

The alkalinity of this material will have a local effect on ecosystems sensitive to changes in pH.

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste Disposal methods**                    Dispose in accordance with applicable regional, national, and local laws and regulations

**Contaminated packaging**                Observe all label precautions until container is cleaned, reconditioned, or destroyed

### 14. TRANSPORT INFORMATION

**DOT**    This material is not regulated hazardous material for transportation.

**TDG**    This material is not regulated hazardous material for transportation.

**IATA**     This material is not regulated hazardous material for transportation.

**IMDG**     This material is not regulated hazardous material for transportation.

### 15. REGULATORY INFORMATION

**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	No information available
<b>ENCS</b>	No information available
<b>IECSC</b>	No information available
<b>KECL</b>	No information available
<b>PICCS</b>	No information available
<b>AUSTRALIA (AICS)</b>	No information available

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****TSCA Section 12(b) Export Notification**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this Regulation.

**Sara 313**

Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**Sara 311/312**

- None

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorized Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**HAPS (Hazardous Air Pollutants):**

This product does not contain any substances regulated as Hazardous Air Pollutants (HAPS) pursuant to the Clean Air Act.

**US State Regulations**

**SCAQMD Rule 1144**

This product has not been tested for VOC content by the ASTM E-1868-10 method and is not approved for sale or distribution in the SCAQM District of California if the product is used as a metal forming, metal removal, metal treating, metal protection fluid or as a direct-contact lubricant.

**California Proposition 65**

This product does not contain any substances which are regulated under the State of California Prop 65.

**U.S. State Right-to-know Regulations**

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under these regulations

**U.S. EPA Label Information**

EPA Pesticide Registration Number: No applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
<b><u>HMIS</u></b>	Health hazards 0	Flammability 0	Physical hazards 0	Personal Protection X

<b>Issue Date</b>	12-Feb-2021
<b>Revision Date</b>	12-Feb-2021
<b>Revision Note</b>	SDS Review

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such product when used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**