

SDS Preparation Date (mm/dd/yyyy): 08/15/2022

This SDS adheres to the standards and regulatory requirements of the United States and may not meet the regulatory requirements in other countries.

SECTION 1: PRODUCT AND COMPANY SECTIONS

PRODUCT NAME: StainGuard 5000™

CHEMICAL NAME & SYNONYMS: Water Based Mixture of Modified Fluorosilanes / Water Repellent

PROCESSORS NAME: VanHearron Inc.
410 S. Coker
Greenwood, AR 72936
Phone: (479) 255-6101

Transport Emergency : CHEMTREC: 1-800-424-9300

CAS #: Not Issued

CHEMICAL FAMILY: Water Solution of Proprietary Modified Fluorosilane

SECTION 2: HAZARD(S) IDENTIFICATION**WARNING**

NFPA 704 CODES: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious and 4=Severe

HEALTH (BLUE)	FLAMMABILITY (RED)	REACTIVITY (YELLOW)	CLOTHING
NFPA: 1	NFPA: 0	NFPA: 0	NFPA:
HMIS: 1	HMIS: 0	HMIS: 0	HMIS: PP = B

ACUTE EFFECTS OF OVEREXPOSURE:

EYE: Mildly irritating to the eyes.

SKIN: No skin irritation expected. May aggravate existing dermatitis.

INHALATION: Breathing mist may cause mild irritation to upper respiratory tract.

INGESTION: None known. Do not take internally.

CHRONIC EFFECTS OF OVEREXPOSURE: Repeated prolonged contact may produce irritation.

OTHER HEALTH EFFECTS (MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE): People with sensitive skin can experience aggravated skin irritation. No other known applicable information.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any components that require disclosure according to OSHA Hazard Communication Standard 2012.

SECTION 4: FIRST-AID MEASURES

Skin Contact: Wash off immediately with soap and plenty of water. Wash contaminated clothing before re-use.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice.

Inhalation: Move to fresh air. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately.

Ingestion: Call a physician or poison control center immediately. If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: No applicable data available.

Specific hazards: The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride

Carbon dioxide (CO₂) Carbon monoxide Other hazardous decomposition products may be formed.

Special protective equipment: Wear self-contained breathing apparatus for firefighting if necessary for firefighters

Further information: Evacuate personnel to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

NOTE : Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up.
Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.
Safeguards (Personnel) : Evacuate personnel to safe areas. Use personal protective equipment.
Ventilate the area.

SECTION 7: HANDLING AND STORAGE

Handling (Personnel) : Avoid formation of respirable particles. Do not breathe vapor or mist. Avoid contact with skin, eyes and clothing.
Wash hands before breaks and immediately after handling the product. Wash contaminated clothing before re-use.
Handling (Physical Aspects) : To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors.
Do not spray near open flame or heated surface.
Dust explosion class : No applicable data available.
Storage : Keep tightly closed in a dry, cool and well-ventilated place.
Perishable if frozen.
Storage period : No applicable data available.
Storage temperature : 5 - 40 °C (41 - 104 °F)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls : Use only in area provided with appropriate exhaust ventilation. Use an airless flow type of spray applicator. Keep spraying pressure below 60 psi. Personal protective equipment
Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
Hand protection: Additional protection: Impervious gloves
Eye protection: Wear safety glasses or coverall chemical splash goggles.
Skin and body protection: Lightweight protective clothing
Exposure Guidelines
Exposure Limit Values

This product does not contain any exposure limits that require disclosure according to OSHA Hazard Communication Standard 2012.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Physical state : liquid
Form : liquid
Color : clear, opaque, yellowish
Odor : No applicable data available.
Odor threshold : No applicable data available.
pH : 4 - 6
Melting point/range : No applicable data available.
Boiling point/boiling range : Boiling point
100 °C (212 °F) at 760 mm Hg
Flash point : does not flash
Evaporation rate : No applicable data available.
Flammability (solid, gas) : No applicable data available.
Upper explosion limit : No applicable data available.
Lower explosion limit : No applicable data available.
Vapour Pressure : No applicable data available.
Vapour density : No applicable data available.
Specific gravity : 1.1

SECTION 10: STABILITY AND REACTIVITY

Reactivity : Stable under recommended storage conditions.
Chemical stability : Stable under normal conditions.
Possibility of hazardous : No applicable data available.
Conditions to avoid : To avoid thermal decomposition, do not overheat.
Incompatible materials : No applicable data available.
Hazardous decomposition : Carbon dioxide , Carbon monoxide, Hydrofluoric acid...%
Products Incompletely burned carbon products

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation 4 h Acute : 1.5 mg/l , Rat
toxicity estimate Dust and mist
Oral LD50 : > 5,000 mg/kg , Rat
Skin irritation : No skin irritation, Rabbit
The toxicological data has been taken from products of similar composition.
Eye irritation : No eye irritation, Rabbit
Slight irritation observed but insufficient to warrant classification
Sensitisation : Did not cause sensitisation on laboratory animals., Local lymph node test Mouse
Mutagenicity : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Information given is based on tests on the mixture itself.
Reproductive toxicity : Animal testing showed no reproductive toxicity.
Information given is based on tests on the mixture itself.
Teratogenicity : Animal testing showed no developmental toxicity.

Carcinogenicity

The carcinogenicity classifications for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

48 h EC50: Daphnia magna (Water flea) > 120 mg/l
The toxicological data has been taken from products of similar composition.

Environmental Fate

Biodegradability : No data is available on the product itself

SECTION 13: DISPOSAL

Waste disposal methods – Product: In accordance with local and national regulations.
Contaminated packaging : No applicable data available.

SECTION 14: TRANSPORT

Not classified as dangerous in the meaning of transport regulations

SECTION 15: REGULATORY INFORMATION

TSCA (US) Status : Listed.

This material contains one or more substances which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR).

This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:

Fluorinated Copolymer

PMN Number: P-08-751

SARA 313 Regulated : This material does not contain any chemical components with known CAS numbers that

Chemical(s) exceed the threshold (De Minimis) reporting levels established

Title III hazard classification : Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire: No

Reactivity/Physical hazard: No

Pressure: No

California Prop. 65 : Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known

SECTION 16: OTHER INFORMATION

Disclaimer: The data and recommendations herein are based upon our research and the research of others, and are believed to be accurate. However, no warranty or guarantee of their accuracy is made; and the products are distributed without warranty, expressed or implied, including the limited warranties of merchantability of fitness for particular purpose.

Neither this data sheet nor any statement contained herein grants or extends any license, express or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The manufacturer makes no warranties, expressed or implied, as to the accuracy or adequacy of the information contained herein. The manufacturer shall not be liable to the vendee, the vendee's employees or anyone for any direct, special or consequential damages arising out of or in connection with this accuracy, adequacy or furnishing of such information.