

Stone Seal Pro

SDS Preparation Date 9/15/16

SECTION 1. IDENTIFICATION

Product name: Stone Seal Pro
 Product Use: Impregnations, Stain and soil repellent, For professional users only.

Restrictions on use: Do not use product for anything outside of the above specified uses

Manufacturer/Supplier: VanHearron, Inc.
 410 S Coker St,
 Greenwood, AR 72936

Product Information: (479) 252-6329
 Transport Emergency: CHEMTREC: +1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Product Hazard Category

Flammable liquids	Category 3
Acute toxicity (Inhalation)	Category 3
Specific target organ toxicity - Single exposure	Category 3

Label content

Pictogram



Signal word: Danger

Hazardous warnings: Flammable liquid and vapor.
 Toxic if inhaled.
 May cause respiratory irritation.
 May cause drowsiness or dizziness.

Hazardous prevention measures:

Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Keep container tightly closed.
 Ground/bond container and receiving equipment.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Avoid breathing dust/fume/gas/mist/vapors/spray.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/eye protection/face protection.
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
 Rinse skin with water/shower.
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 Call a POISON CENTER or doctor/physician.
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.

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Dispose of contents/container to an approved waste disposal plant.

Other hazards

Inhalation of decomposition products in high concentration may cause shortness of breath (lung oedema).

Inhalation of aerosol or fine spray mist may cause serious respiratory problems.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 35%

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NUMBER	CONCENTRATION
n-Butyl acetate	123-86-4	65%
Partially Fluorinated Acrylic Copolymer		35%

Any component and/or concentration (exact percentage) not specifically identified is considered a trade secret.

SECTION 4. FIRST-AID MEASURES

GENERAL ADVICE:	When symptoms persist or in all cases of doubt seek medical advice.
INHALATION:	Move to fresh air. Oxygen or artificial respiration if needed. Symptoms may be delayed. Call a physician immediately.
SKIN CONTACT: and shoes.	Wash off immediately with soap and plenty of water while removing all contaminated clothing
EYE CONTACT:	Immediately flush eyes for at least 15 minutes. Get medical attention.
INGESTION:	Call a physician or poison control center immediately. If swallowed, DO NOT induce vomiting unless directed to do by medical personnel. Never give anything by mouth to an unconscious person.
Most important Symptoms/effects, acute And delayed:	Symptoms may be delayed. Inhalation may provoke the following symptoms: Dizziness Drowsiness Headache May cause irritation of respiratory tract. Eye contact may provoke the following symptoms: Irritation Tearing, redness, or discomfort. For further information see Section 11.
Protetion of first-aiders:	First Aid responders should pay attention to self-protection and use the recommended protective clothing.
Notes to physician:	Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Foam, Dry chemical, Carbon Dioxide (CO2)
Unsuitable extinguishing media:	No applicable data available.
Specific hazards:	Flammable liquid

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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

For firefighters:

Wear self-contained breathing apparatus for firefighting if necessary.

Further information:

Evacuate personnel to safe areas. Cool containers/tanks with water spray.
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.

Environmental precautions:

Do not discharge to streams, ponds, lake or sewers. Avoid subsoil penetration.

Spill Cleanup:

Remove all sources of ignition. Use only non-sparking tools. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labelled containers.

Accidental Release Measures:

No applicable data available.

SECTION 7. HANDLING AND STORAGE

Handling (Personnel):

Do not use sparking tools. Ground containers when transferring material.
Avoid formation of respirable particles. Do not breathe vapors or spray mist.
Avoid contact with skin, eyes and clothing.
Wash hand before breaks and immediately after handling the product. Wash contaminated clothing before re-use.

Handling (Physical Aspects):

Vapors may form explosive mixtures with air. Keep away from open flames, hot surfaces and sources of ignition. To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors.

Dust explosion class:

No applicable data available.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place.
Store in accordance with National Fire Protection Association recommendations.

Storage period:

No applicable data available.

Storage temperature:

No applicable data available.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

Use of non-sparking and explosion-proof equipment may be necessary depending on type of operation. Use only in area provided with appropriate exhaust ventilation. Use appropriate workplace ventilation to remove fumes that may be released on heating. Use an airless flow type of spray applicator.

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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: Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, pants, jacket, hood and boots,

Exposure Guidelines

Exposure Limit Values

n-Butyl acetate

Permissible

Exposure limit:	(OSHA)	150 ppm	710mg/m ³	8 hr. TWA
TLV	(ACGIH)	150 ppm	TWA	
TLV	(ACGIH)	200 ppm	STEL	

Partially Fluorinated Acrylic Copolymer

No applicable data available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
FORM:	Liquid
COLOR:	Yellow
ODOR:	Ester-like
ODOR THRESHOLD:	No applicable data available.
pH:	No applicable data available.
Melting point range:	No applicable data available.
BOILING POINT, 760 mm Hg:	120°C (248°F)
FLASH POINT:	28°C closed cup
EVAPORATION RATE:	No applicable data available.
FLAMMABILITY (SOLID, GAS):	No applicable data available.
UPPER EXPLOSION LIMIT:	7.6 vol % (for a component of this mixture)
LOWER EXPLOSION LIMIT:	1.7 vol % (for a component of this mixture)
VAPOR PRESSURE:	7.9 mm Hg at 20°C (68°F)
VAPOR DENSITY:	No applicable data available.
DENSITY:	0.968 g/cm ³
SPECIFIC GRAVITY:	No applicable data available.
WATER SOLUBILITY:	insoluble
SOLUBILITY:	No applicable data available.
PARTITION COEFFICIENT: N- OCTANOL/WATER:	No applicable data available.
AUTO IGNITION TEMPERATURE:	No applicable data available.
DECOMPOSITION TEMPERATURE:	No applicable data available.
VISCOSITY (kinematic):	No applicable data available.
VISCOSITY (dynamic):	No applicable data available.

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

Stone Seal Pro

Inhalation 4 h LC50:	0.75 mg/l, Rat
Inhalation 4 h No: Observed Adverse Effect Concentration:	0.025 mg/l, Rat No changes observed
Oral LD50:	>5000 mg/kg, Rat
Skin irritation:	No skin irritation, Rabbit
Eye irritation:	No eye irritation, Rabbit Slight irritation observed but insufficient to warrant classification.
Sensitization:	Animal test did not cause sensitization by skin contact. Local lymph node test Mouse
Mutagenicity:	Did not cause genetic damage in cultured bacterial cells.
n-Butyl acetate	
Dermal LD50:	>14,112 mg/kg, Rabbit
Repeated dose toxicity:	Inhalation, Rat No toxicologically significant effects were found.
Carcinogenicity:	Not classifiable as a human carcinogen. Information given is based on data obtained from similar substances.
Reproductive toxicity:	No toxicity to reproduction. Animal testing showed effects on reproduction at levels equal to or above those causing parental toxicity.
Teratogenicity:	Animal testing showed effects on embryo-fetal development at levels equal to or above those causing maternal toxicity.

Carcinogenicity

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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

Aquatic Toxicity

Stone Seal Pro

48 h EC50: Daphnia magna (Water flea) 37.9 mg/l
(Data on the product itself)

n-Butyl acetate

96 h LC50: Pimephales promelas (fathead minnow) 18 mg/l OECD Test
Guideline 203

72 h ErC50: Desmodesmus subspicatus (green algae) 648 mg/l

21 d: NOEC Daphnia magna (Water flea) 23 mg/l OECD Test Guideline
211

Environmental Fate

Stone Seal Pro

Biodegradability: Not readily biodegradable.
Information given is based on data obtained from similar substances.

n-Butyl acetate

Bioaccumulation: Bioconcentration factor (BCF): 15.3
Bioaccumulation is unlikely.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods: In accordance with local and national regulations.

Product

Contaminated packaging: No applicable data available.

SECTION 14. TRANSPORT INFORMATION

DOT: UN# 1219
PROPER SHIPPING NAME: Butyl Acetates solution
CLASS 3
PACKAGING GROUP III
LABELLING NO 3
REPORTABLE QUANTITY 5000 lbs n-Butyl acetate

IATA_C: UN# 1123
PROPER SHIPPING NAME: Butyl acetates solution
CLASS: 3
PACKING GROUP: III
LABELLING NO: 3

IMDG: UN# 1123
PROPER SHIPPING NAME: Butyl acetates solution
CLASS: 3

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PACKING GROUP: III
 LABELLING NO: 3

SECTION 15. REGULATORY INFORMATION

TSCA:	<p>Listed</p> <p>This material contains one or more substances which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR).</p> <p>This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:</p> <p>Partially Fluorinated Acrylic Copolymer PMN Number: P-08-0643</p> <p>Contact your local Chemours sales or technical representative for more information.</p>
SARA 313 Regulated Chemical(s):	<p>This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.</p>
PA Right to Know Regulated Chemical(s):	<p>Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): n-Butyl acetate</p>
NJ Right to Know Regulated Chemical(s):	<p>Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): n-Butyl acetate</p>
Title III hazard classification:	<p>Acute Health Hazard: Yes Chronic Health Hazard: No Fire: Yes Reactivity/Physical hazard: No Pressure: No</p>
CERCLA Reportable Quantity:	<p>7692 lbs</p> <p>Based on the percentage composition of this chemical in the product.: n-Butyl acetate</p>
California Prop. 65:	<p>Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known.</p> <p>Chemicals known to the State of California to cause cancer, birth defects or any other harm: none known.</p>

SECTION 16. OTHER INFORMATION

DATE: 9/15/16

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 related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Significant change from previous version is denoted with a double bar.

End of Safety Data Sheet

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