

## MSDS- VOGAFLOOR SC

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VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Version: 1.0

Product: **VOGAFLOOR SC**

Date of print 20.09.2022

### 1. Identification

#### Product identifier

VOGAFLOOR SC

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals  
Recommended use: for industrial and professional users



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

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)

#### Emergency telephone number

International emergency number

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## **1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

### Product identifier

Product name: **VOGAFLOOR SC**

### 2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses : **Cement Based Concrete Surface Color Hardener**

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

#### Supplier

Company name : Vogel co.

E-mail address: [info@vogel-systems.de](mailto:info@vogel-systems.de)

## **2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Classification:** Flammable Liquid: Category 2

Skin Corrosion/Irritation: Category 3

Serious Eye Damage/Eye Irritation: Category 2A Carcinogenicity:

Category 1

Specific Target Organ Toxicity (Single Exposure): Category 3

**Signal Word:** Danger

**Pictogram(s):**



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**Hazard Statements:**

H225: Highly flammable liquid and vapor. H316: Causes mild skin irritation.  
H319: Causes serious eye irritation. H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness. H350: May cause cancer.

**Precautionary Statements**

**Response:**

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).

P332+P313: If skin irritation occurs: get medical advice/attention.

P304+P340+P312: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: get medical advice/attention.

P308+P313: If exposed or concerned: get medical advice/attention. P370+P378: In case of fire: Use foam, dry chemical, or CO<sub>2</sub> to extinguish.

**Prevention:**

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P210: Keep away from heat, sparks, hot surfaces, open flames, and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof electrical, ventilating, and lighting equipment. P242: Use non-sparking tools.

P243: Take action to prevent static discharges.

P261: Avoid breathing fumes, mists, vapor, and spray. P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves, protective clothing, eye protection, and face protection.

**Storage:**

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

CAS Number	Ingredient Name	Weight %
67-64-1	Acetone	<40%
1330-20-7	Xylene	<55%
98-56-6	p-Chlorobenzotrifluoride	<30%
91-20-3	Naphthalene	<5.0%
100-41-4	Ethylbenzene	<16%
95-63-6	Pseudocumene (1,2,4-Trimethylbenzene)	<0.5%
23262-63-7	Methyl/Butyl Methacrylate Copolymer	<35%
875-50-4	n-Methylpyrrolidone	<4%

**4. FIRST AID MEASURES**

**Ingestion:** Do not induce vomiting unless advised to do so by physician. GET MEDICAL ATTENTION IMMEDIATELY.

**Inhalation:** Remove victim to fresh air and administer artificial respiration if required. GET MEDICAL ATTENTION, if needed.

**Skin:** Flush skin with plenty of water for at least 15 minutes. If rash develops, get medical attention.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION, if discomfort persists.

**Medical Conditions:** N/A

**Signs and Symptoms of Exposure:** Contact with skin or eyes may cause irritation. Breathing of the vapor may irritate the nose and throat. Excessive breathing of vapors at concentrations greater than 1000 ppm may cause temporary damage to liver and kidneys.

**Effects of Overexposure:** May cause anesthesia, headache, nausea, dizziness, loss of consciousness, or confusion. Prolonged overexposure may affect the central nervous system causing coma and even death.

**Summary of Acute Health Hazards:** N/A

**Ingestion:** May cause irritation of esophagus and stomach.

**Inhalation:** May cause irritation of nose and throat.

**Skin:** May cause a rash. Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in irritation or dermatitis.

**Eyes:** Can cause slight irritation of the eye. Prolonged and repeated contact may be highly irritating.

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## 5. FIRE FIGHTING MEASURES

**Extinguishing:** Use foam, carbon dioxide or dry chemical. Use of water may cause fire to spread due to components that float on water.

**Special Exposure Hazards:** Handle as an extremely flammable material. Vapors may form an explosive mixture with air between the upper and lower explosive limits. Vapor could also travel toward a source of ignition and flash back.

**Special Protective Equipment for Firefighters:** N/A

**Fire Fighting Procedures:** Do not enter an enclosed or confined area without a self-contained breathing apparatus (pressure-demand, MSHA/NIOSH-approved or equivalent) and full protective gear.

**NFPA Rating :** Health - 2

Flammability – 3

Instability – 0



0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

**Uniform Fire Code Rating:** Class IB Flammable Liquid

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Eliminate all sources of ignition. Provide adequate ventilation.

**Emergency Procedures:** Eliminate all ignition sources.

**Methods of Containment And Clean-Up:** Flush with water to a tank or an open well-ventilated area. Absorb or remove to a container and dispose of properly in conformance with local regulations.

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**7. HANDLING AND STORAGE**

**Safe Handling:** CAUTION: EXTREMELY FLAMMABLE! Keep away from heat, sparks, and open flame. Keep container closed.

**Storage:** Caution! Flammable! Keep away from heat, sparks and open flames. Keep containers tightly closed. Store away from strong oxidizing agents in a cool, dry place. If pouring or transferring materials, containers must be grounded.

**Work/Hygienic Practices:** Employees who handle this product should wash their hands thoroughly before eating, drinking, smoking, or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

**Ventilation:** Local is preferable, but mechanical is acceptable using explosion proof equipment.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Occupational Exposure Limits:**

Exposure Limits (TWAs) in Air				
CAS Number	Chemical	ACGIH TLV	OSHA PEL	STEL
67-64-1	Acetone	200 ppm	1000 ppm	500 ppm
1330-20-7	Xylene	100 ppm	100 ppm	150 ppm
98-56-6	p-Chlorobenzotrifluoride	N/A	N/A	N/A
91-20-3	Naphthalene	10 ppm	10 ppm	15 ppm
100-41-4	Ethylbenzene	100 ppm	100 ppm	125 ppm
875-50-4	n-Methylpyrrolidone	N/A	N/A	N/A
95-63-6	Pseudocumene(1,2,4-Trimethylbenzene)	25 ppm		
23262-63-7	Methyl/Butyl Methacrylate Copolymer	50 ppm	100 ppm	100 ppm

**Protective Equipment:** Protective solvent resistant gloves are advisable. An eye wash and a safety shower should be available.

**Eye Protection:** Chemical type goggles should be worn.

**Respiratory Protection:** None required if adequate ventilation. If the TLV is exceeded use organicvapor mask or air-supplied mask. Only MSHA or NIOSH approved respirators should be used if concentrations are above 1000 ppm.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Liquid/Clear	Odor: Slight hydrocarbon aroma
Odor Threshold: 100 ppm	pH: N/A
Melting Point/Freezing Point: N/A	Initial Boiling Point/Range: 135° F (57° F)
Flash Point: 0° F (-18° C) – TCC	Evaporation Rate (BuAc=1): 5.6
Flammability: 3-13% by volume	Lower/Upper Explosive Limit: 3% by volume in air/13% by volume in air
Vapor Pressure (mmHg): N/A	Vapor Density (Air=1): 3.7-4.0
Relative Density: 7.46-8.31 lbs./gal	Solubility in Water: Insoluble in water
Partition Coefficient: N/A	Autoignition Temperature: 869° F (465° C)
Decomposition Temperature: 572° F (300° C)	Viscosity: 20-300 CPS
% Volatiles: 65-75% by wt.	Specific Gravity (Water-1): 0.85-0.99
Molecular Weight: N/A	VOC: <600 g/l (5 lbs./gal); <400 g/L (3.3 lbs./gal)

**10. STABILITY AND REACTIVITY****Reactivity:** N/A**Chemical Stability:** Stable**Possibility of Hazardous Reactions or Polymerizations:** Hazardous polymerizations will not occur**Conditions to Avoid:** Heat or Flames**Incompatible Materials:** Strong alkalies or strong oxidizers. This sealer may dissolve some plastics, rubber materials or coating.**Hazardous Decomposition Products:** From thermal decomposition, carbon monoxide, carbon dioxide and acrylic monomer vapors.**11. TOXICOLOGICAL INFORMATION****Acute and Chronic Effects:** N/A**Routes of Exposure Ingestion:** Yes**Inhalation:** Yes**Skin:** Yes**Eyes:** Yes

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**Symptoms related to Physical, Chemical & Toxicological Characteristics:** N/A

**Numerical Measures of Toxicity:** N/A

**Chronic Toxicity:** N/A

**Carcinogenicity:** When this product is used for its intended purpose, this material is classified as hazardous under OSHA 29 CFR 1910.1200.

<b>Product Name: Desert Brand Lacquer Sealer 400, 600 VOC</b>					
<b>ACGIH</b>	<b>IARC</b>	<b>EPA</b>	<b>NIOSH</b>	<b>NTP</b>	<b>OSHA</b>
Yes	Yes	No	No	Yes	Yes

**Target Organs:** N/A

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Toxic to fish and wildlife. Do not discharge into lakes, streams, or ponds.

**Persistence and Degradability:** N/A

**Bioaccumulative Potential:**

**Mobility in Soil:** N/A

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Container:** Dispose of in accordance with applicable local, county, state and federal regulations.

## 14. TRANSPORT INFORMATION

**UN#:** UN1263

**Proper Shipping Name:** Paint

**Hazard Class/Division:** 3

**Packing Group:** II Marine

**Pollutant:** No

**Special Provisions:** 367, 149, B52, IB2, T4, TP1, TP8, TP28

**Emergency Response Guidebook:** 2012 ERG, Guide 128, pages

**Placard Advisory:**



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**15. REGULATORY INFORMATION**

**SARA 302 Extremely Hazardous Substance (EHS)** : No chemical in this product is listed as an Extremely Hazardous Substances under Section 302 of EPCRA. (EHS)

**SARA 304 Extremely Hazardous Substance (EHS) Release Notification:** No chemical in this product is listed as an Extremely Hazardous Substances (EHS) which, if released to the environment in quantities at or above the substance's Reportable Quantity (RQ), would require reporting to the SERC and LEPC under Section 304 of EPCRA.

**SARA 311/312 Hazards:**

<b>SARA 311/312 Hazards</b>				
<b>Acute</b>	<b>Chronic</b>	<b>Flammability</b>	<b>Pressure</b>	<b>Reactivity</b>
Yes	Yes	Yes	No	No

**SARA 313 Reportable:** This product contains the following chemical(s) subject to annual emissions, transfers, and/or waste management reporting under the Community-Right to-Know provisions of EPCRA Section 313, also known as the Toxic Release Inventory (TRI) Report or Form R:

Acetone, CAS #67-64-1  
 Xylene (Mixed Isomers), CAS #1330-20-7 Naphthalene, CAS #91-20-3 Ethylbenzene, CAS#100 41-4  
 Pseudocumene (1,2,4-Trimethylbenzene), CAS #95-63-6 n-Methylpyrrolidone, CAS #872-50-4

**CERCLA Hazardous Substances:** This product contains the following CERCLA hazardous substance(s) subject to the National Response Center (NRC) reporting requirements if released to the environment in quantities greater than or equal to the substance's CERCLA Reportable Quantity (RQ).

Acetone, CAS #67-64-1 CERCLA RQ = 5,000 lb. (2268 kg.)  
 Xylene (Mixed Isomers), CAS #1330-20-7 CERCLA RQ = 100 lb. (45.4 kg.) Naphthalene, CAS #91-20-3 CERCLA RQ = 100 lb. (45.4 kg.)  
 Ethylbenzene, CAS#100-41-4 CERCLA RQ = 1,000 lb. (453.6 kg.)

**Clean Air Act (CAA) Section 112(r) Air Pollutants:** No chemical in this product is listed as an air pollutant under the U.S. Clean Air Act, Section 112(r) (40 CFR 61).

**Hazard Label Warning:** This product requires the following hazard label warning: Flammable Liquid, Class 3

**TSCA (Toxic Substances Control Act):** All chemical substances in this product are listed on the U.S. TSCA Inventory List