

MSDS- VogaFloor 152-AS

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VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Product: **VogaFloor 152-AS**

Version: 1.0

Date of print 20.09.2022

1. Identification

Product identifier

VogaFloor 152-AS

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

Emergency telephone number

International emergency number

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1. Product and Company Identification

Product identifier

Product name **VogaFloor 152-AS**2. Relevant identified uses of the substance or mixture and uses advised againstIdentified uses : **Seamless, SF-Epoxy,Epoxy Based, Anti-Static**3. Details of the supplier of the safety data sheet4. Supplier

Company name : Vogel co.

E-mail address: info@vogel-systems.de

2. Hazards Identification

Skin Corrosion/Irritation, Category 2

Serious Eye Damage/Eye Irritation, Category 2 Skin

Sensitization, Category 1

Aquatic Toxicity (Chronic), Category 2



Warning

GHS Hazard Phrases:

H315 - Causes skin irritation.
 H319 - Causes serious eye irritation.
 H317 - May cause an allergic skin reaction.
 H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:

P262 - Do not get in eyes, on skin, or on clothing.
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
 P273 - Avoid release to the environment.

GHS Response Phrases:

P302+352 - IF ON SKIN: Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical advice/attention. P362 - Take off contaminated clothing. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention.
 P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314 - Get medical attention/advice if you feel unwell.
 P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P310 - Immediately call a POISON CENTER or doctor/physician.
 P391 - Collect spillage.

GHS Storage and Disposal Phrases:

P404 - Store in a closed container. P501 - Dispose of contents/container to local, state, and federal authority requirements.

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

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3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|---|---------------|
| 25068-38-6 | 4,4- (1-methylethylidene) bis with (chloromethyl) oxirane polymer | 60 - 75 % |
| 28064-14-4 | Phenol-Formaldehyde Polymer | 10 - 15 % |
| 100-51-6 | Benzenemethanol | 1.0 - 5.0 % |
| 57834-33-0 | Ethyl 4-[[[(methylphenylamino)methylene]amino] benzoate | 1.0 - 5.0 % |

Tinted product may contain ingredients below:

| | | |
|------------|--|------------|
| 13463-67-7 | Titanium dioxide | 1.0 - 10 % |
| 1333-86-4 | Carbon black | 1.0 - 10 % |
| 1309-37-1 | Iron oxide (Fe ₂ O ₃) | 1.0 - 10 % |
| 51274-00-1 | C.I. Pigment Yellow 42 | 1.0 - 10 % |

4. First Aid Measures

Emergency and First Aid

Procedures:

| | |
|---------------------------------|--|
| In Case of Inhalation: | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If experiencing respiratory symptoms: Get medical attention immediately. |
| In Case of Skin Contact: | In case of contact, immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops or persists. |
| In Case of Eye Contact: | In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician. |
| In Case of Ingestion: | If swallowed, wash out mouth with water provided person is conscious. Call a physician immediately. Do not induce vomiting. For further assistance, contact your local Poison Control Center. |

5. Fire Fighting Measures

| | | |
|--|--|---------------------------------------|
| Flash Pt: | > 200.00 C (392.0 F) | Method Used: Pensky-Marten Closed Cup |
| Explosive Limits: | LEL: NE | UEL: NE |
| Autoignition Pt: | No data. | |
| Suitable Extinguishing Media: | Dry chemical, CO ₂ , water spray or regular foam. | |
| Unsuitable Extinguishing Media: | Do not use a direct water stream, which may spread fire. | |
| Fire Fighting Instructions: | Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. | |

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6. Accidental Release Measures

Protective Precautions, Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Where
Protective Equipment and splashing is possible, full chemically resistant protective clothing, and boots are required.
Emergency Procedures:

Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas.

Steps To Be Taken In Case PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL.

Material Is Released Or Absorb with sand or vermiculite and place in closed containers for disposal. Ventilate the
Spilled: area.

7. Handling and Storage

Precautions To Be Taken in Provide adequate ventilation. Do not breathe vapor. Do not get in eyes, on skin or on
Handling: clothing.

Precautions To Be Taken in Store away from incompatible material. Keep container tightly closed in a dry and
Storing: well-ventilated place.

Other Precautions: Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|---|----------------------|----------------------------|--------------|
| 25068-38-6 | 4,4- (1-methylethylidene) bis with (chloromethyl) oxirane polymer | No data. | No data. | No data. |
| 28064-14-4 | Phenol-Formaldehyde Polymer | No data. | No data. | No data. |
| 100-51-6 | Benzenemethanol | No data. | No data. | No data. |
| 57834-33-0 | Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate | No data. | No data. | No data. |
| 13463-67-7 | Titanium dioxide | PEL: 15 (dust) mg/m3 | TLV: 10 mg/m3 | No data. |
| 1333-86-4 | Carbon black | PEL: 3.5 mg/m3 | TLV: 3.5 mg/m3 | No data. |
| 1309-37-1 | Iron oxide (Fe2O3) | PEL: 10 mg/m3 | TLV: 5 mg/m3 (dust & fume) | No data. |
| 51274-00-1 | C.I. Pigment Yellow 42 | No data. | No data. | No data. |

Respiratory Equipment (Specify Type): Normally when good engineering controls are used, no respiratory protection is needed. However, if cured product is abraded by sanding or grinding use a NIOSH approved air-purifying respirator. **Eye Protection:** Safety glasses, or goggles.

Protective Gloves: Nitrile rubber and Neoprene are recommended.

Other Protective Clothing: Where splashing is possible, full chemically resistant protective clothing, safety glasses or face shield and boots are required.

Engineering Controls (Ventilation etc.): Good general ventilation should be sufficient to control airborne levels. Safety shower and eye bath.

Environmental Exposure Avoid runoff into storm sewers and ditches which lead to waterways. May be hazardous

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Controls: to the environment if released in large quantities.

9. Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid

Appearance and Odor: Slight odor.
Appearance: Liquid. Colored.

Melting Point: NE

Boiling Point: NE

Decomposition Temperature: NE

Autoignition Pt: No data.

Flash Pt: > 200.00 C (392.0 F) Method Used: Pensky-Marten Closed Cup

Explosive Limits: LEL: NE UEL: NE

Specific Gravity (Water = 1): ~ 1.139 - 1.199

Density: 9.5 - 10.0 LB/GL

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Evaporation Rate: NE

Solubility in Water: ~

Solubility Notes: Practically insoluble.

Saturated Vapor Concentration: NE

Percent Volatile: 0.0 % by volume.

VOC / Volume: NP

10. Stability and Reactivity

Reactivity: Avoid: acids, alkalis, oxidizing agents.

Stability: Unstable ☐ Stable ☒

Conditions To Avoid - Instability: Extreme temperatures. Avoid uncontrolled contact with amines.

Incompatibility - Materials To Avoid: Avoid strong acids, bases, and oxidizing agents.

Hazardous Decomposition Or Byproducts: Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, Phenolics.

Possibility of Hazardous Polymerization: Will occur ☒ Will not occur ☐

Conditions To Avoid - Hazardous Reactions: Will not undergo hazardous polymerization in normal storage conditions.

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11. Toxicological Information

| | |
|---|---|
| Toxicological Information: | May cause sensitization by skin contact. |
| Irritation or Corrosion: | Skin Irritation. Irritating to eyes. |
| Symptoms related to Toxicological Characteristics: | May cause rash on skin, and redness in eyes. May cause coughing by inhalation of a mist or spray. |
| Chronic Toxicological Effects: | Skin sensitization. |

12. Ecological Information

| | |
|--|--|
| General Ecological Information: | Avoid release to the environment. May be hazardous to the environment if released in large quantities. |
| Results of PBT and vPvB assessment: | No data available. |
| Persistence and Degradability: | Not readily biodegradable. |
| Bioaccumulative Potential: | No data available. |
| Mobility in Soil: | not reported, unknown. |

13. Disposal Considerations

| | |
|-------------------------------|---|
| Waste Disposal Method: | Incinerate or dispose of unused material, residues and containers in a licensed facility in accordance with all applicable local, state and federal regulations. Do not discharge substance/product into sewage system. |
|-------------------------------|---|

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: (Non-Bulk)
Not Regulated.

(Bulk) PROPER SHIPPING NAME: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, n.o.s. (EPOXY RESIN) MARINE POLLUTANT.

NOTE: Marine Pollutants - DOT requirements specific to Marine Pollutants do not apply to non-bulk packagings transported by motor vehicles, rail cars or aircraft.

DOT Hazard Class: 9 CLASS 9

UN/NA Number:

Packing Group: III

Precautionary Label:

Avoid skin and eye contact. May cause eye and skin irritation. May cause skin sensitization. Wear protective equipment and clothing. Always read MSDS/SDS before use.



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AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: (Non-Bulk)
Not Regulated.

(Bulk)
PROPER SHIPPING NAME: UN3082, ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, n.o.s. (EPOXY RESIN) MARINE POLLUTANT.

UN Number: **Packing Group:** III
Hazard Class: 9 - CLASS 9

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|---|--------------|-----------|--------------|
| 25068-38-6 | 4,4- (1-methylethylidene) bis with (chloromethyl) oxirane polymer | No | No | No |
| 28064-14-4 | Phenol-Formaldehyde Polymer | No | No | No |
| 100-51-6 | Benzenemethanol | No | No | No |
| 57834-33-0 | Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate | No | No | No |
| 13463-67-7 | Titanium dioxide | No | No | No |
| 1333-86-4 | Carbon black | No | No | No |
| 1309-37-1 | Iron oxide (Fe2O3) | No | No | No |
| 51274-00-1 | C.I. Pigment Yellow 42 | No | No | No |

This material meets the EPA ☒ Yes ☐ No Acute (immediate) Health Hazard
'Hazard Categories' defined ☒ Yes ☐ No Chronic (delayed) Health Hazard **for**
SARA Title III Sections ☐ Yes ☒ No Fire Hazard

311/312 as indicated: ☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

16. Other Information

Revision Date: 08/26/2020

Hazard Rating System:

| | |
|---------------------|----------|
| HEALTH | 2 |
| FLAMMABILITY | 1 |
| PHYSICAL | 0 |
| PPE | X |

HMIS:

Additional Information About This Product: CA=CIRCA NA=NOT AVAILABLE NE=NOT ESTABLISHED NR=NOT REGULATED
NP= NOT APPLICABLE PR=PROPRIETARY TS=TRADE SECRET ?=UNKNOWN.

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