

MSDS-VOGAFLOOR TZ

PAGE 1/8

VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Product: **VOGAFLOOR TZ**

Version: 1.0

Date of print 20.09.2022

1. Identification

Product identifier

VOGAFLOOR TZ

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

1. Product identifier2. Product name: **VOGAFLOOR TZ**Relevant identified uses of the substance or mixture and uses advised against3. Identified uses : **Epoxy resin with a high electrostatic conductivity**4. Details of the supplier of the safety data sheetSupplier

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 2B Skin

Sensitization, Category 1B

Aquatic Toxicity (Acute), Category 2

Aquatic Toxicity (Chronic), Category 2



Warning

GHS Hazard Phrases:

H315 - Causes skin irritation.

H320 - Causes eye irritation.

H317 - May cause an allergic skin reaction.

H401 - Toxic to aquatic life.

H411 - Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases:

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P262 - Do not get in eyes, on skin, or on clothing.

P362+364 - Take off contaminated clothing and wash it before reuse. 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.

P337+313 - If eye irritation persists, get medical advice/attention.

GHS Storage and Disposal

P501 - Dispose of contents/container to local, state, and federal authority requirements.

VOGEL SYSTEMS Safety data sheet

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Potential Health Effects (Acute and Chronic): May cause eye irritation. May cause skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material.

Inhalation: May cause respiratory irritation.

Skin Contact: Causes skin irritation.

Eye Contact: Causes eye irritation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
25068-38-6	Bisphenol-a based epoxy resin	40 - 60 %	
1317-65-3	Limestone	15 - 25 %	
67762-38-3	Fatty acids, C16-18 and C18-unsatd., Me esters	10 - 20 %	
112945-52-5	Silica, amorphous treated	1.0 - 5.0 %	
28553-12-0	1,2-Benzenedicarboxylic acid, Diisononyl ester	5.0 - 10 %	
100-51-6	Benzenemethanol	<3.0 %	
107-41-5	2,4-Pentanediol, 2-Methyl-	<3.0 %	
8009-03-8	Petrolatum usp	<3.0 %	
13463-67-7	Titanium dioxide	0 - 10 %	
1309-37-1	Iron oxide (Fe ₂ O ₃)	0 - 10 %	
51274-00-1	C.I. Pigment Yellow 42	0 - 10 %	
1333-86-4	Carbon black	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.

Signs and Symptoms Of Exposure: May cause skin, eye, and respiratory irritation. May cause allergic skin reaction.

VOGEL SYSTEMS Safety data sheet

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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, CO2, water spray or regular foam.

Unsuitable Extinguishing Media: Do not use a direct water stream, which may spread fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: Product is not considered a fire hazard. Closed containers may rupture (due to build up in pressure) when exposed to extreme heat.

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 Keep container tightly closed in a dry and well-ventilated place.

Storing:

Other Precautions: Wash thoroughly after handling.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
25068-38-6	Bisphenol-a based epoxy resin	No data.	No data.	No data.
1317-65-3	Limestone	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
67762-38-3	Fatty acids, C16-18 and C18-unsatd., Me esters	No data.	No data.	No data.
8009-03-8	Petrolatum usp	No data.	No data.	No data.
13463-67-7	Titanium dioxide	PEL: 15 (dust) mg/m3	TLV: 10 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.
1333-86-4	Carbon black	PEL: 3.5 mg/m3	TLV: 3.5 mg/m3	No data.

VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

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**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. Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

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.

**Work/Hygienic/Maintenance
Practices:**

Wash contaminated clothing before reuse. Discard contaminated shoes. Wash thoroughly after handling.

**Environmental Exposure
Controls:**

Avoid runoff into storm sewers and ditches which lead to waterways. May be hazardous to the environment if released in large quantities.

9. Physical and Chemical Properties
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Physical States: [] Gas [X] Liquid [] Solid**Appearance and Odor:** Epoxy odor.
Appearance: Liquid. Tinted.**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):** ~ 1.293**Density:** ~ 10.79 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

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10. Stability and Reactivity

Reactivity:	Avoid: acids, alkalis, oxidizing agents.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Extreme temperatures.
Incompatibility - Materials To Avoid:	Avoid strong acids, bases, and oxidizing agents.
Hazardous Decomposition Or Byproducts:	Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide.
Possibility of Hazardous Polymerization:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Will not undergo hazardous polymerization in normal storage conditions.

11. Toxicological Information

Toxicological Information:	May cause sensitization by skin contact.
Irritation or Corrosion:	Skin Irritation. Irritating to eyes. May cause skin, eye, and respiratory irritation.
Symptoms related to Toxicological Characteristics:	May cause redness, rash on skin.
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.
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14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: (Non-Bulk)

Not Regulated.

(Bulk)

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:

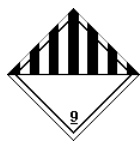
UN3082

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.



MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin) MARINE POLLUTANT.

Note: The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. Shipment compliance is the responsibility of the person offering the product for transport.

UN Number:

3082

Packing Group:

III

Hazard Class:

9 - CLASS 9

IMDG MFAG Number:

FA-SF

IMDG EMS Page:

Yes

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: (Non-Bulk)

Not Regulated.

(Bulk)

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.

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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	Bisphenol-a based epoxy resin	No	No	No
1317-65-3	Limestone	No	No	No
67762-38-3	Fatty acids, C16-18 and C18-unsatd., Me esters	No	No	No
112945-52-5	Silica, amorphous treated	No	No	No
28553-12-0	1,2-Benzenedicarboxylic acid, Diisononyl ester	No	No	No
100-51-6	Benzenemethanol	No	No	No
107-41-5	2,4-Pentanediol, 2-Methyl-	No	No	No
8009-03-8	Petrolatum usp	No	No	No
13463-67-7	Titanium dioxide	No	No	No
1309-37-1	Iron oxide (Fe ₂ O ₃)	No	No	No
51274-00-1	C.I. Pigment Yellow 42	No	No	No
1333-86-4	Carbon black	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: 02/06/2019

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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