

# MSDS-VOGA ACRY- COAT

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VOGEL SYSTEMS Safety data sheet

Date / Revised: 19.09.2022

Product: **VOGA ACRY- COAT**

Version: 1.0

Date of print 20.09.2022

## 1. Identification

### Product identifier

**VOGA ACRY- COAT**

### 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

### 1. Product identifier

Product name: **VOGAWALL AC11**

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

Identified uses : **Water-based epoxy coating for concrete and masonry surfaces**

### 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

Extremely flammable

Vapours may cause drowsiness and  
dizziness. Irritating to eyes and skin.

Possible risk of harm to the unborn child.

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

CLASSIFICATION Xn;R48/20. Repr. Cat. 3;R63. Xi;R36/38. F+;R12. R67.  
(1999/45)

### PHYSICAL AND CHEMICAL HAZARDS

When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Aerosol containers can explode when heated, due to excessive pressure build-up.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Name                                | EC No.    | CAS-No.    | Content % | Classification (67/548/EEC)                         |
|-------------------------------------|-----------|------------|-----------|-----------------------------------------------------|
| TOLUENE                             | 203-625-9 | 108-88-3   | 30-60%    | F;R11 Repr.Cat.3;R63<br>Xn;R48/20,R65 Xi;R38<br>R67 |
| BUTANONE                            | 201-159-0 | 78-93-3    | 10-30%    | F;R11 Xi;R36 R66 R67                                |
| BUTANE                              | 203-448-7 | 106-97-8   | 10-30%    | F+;R12                                              |
| SOLVENT NAPHTHA (petroleum, light ) | 265-199-0 | 64742-95-6 | <0.5%     | Xn;R65. Xi;R37. N;R51/53. R10.                      |

The Full Text for all R-Phrases is Displayed in Section 16

### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

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#### 4. FIRST AID MEASURES

##### NOTES TO THE PHYSICIAN

Treat symptomatically

##### INHALATION

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Get medical attention.

##### INGESTION

Not relevant.

##### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. Use tepid water for rinsing

#### 5. FIRE FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

##### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

#### 6. ACCIDENTAL RELEASE MEASURES

##### SPILL CLEAN UP METHODS

Absorb in vermiculite, dry sand or earth and place into containers. Ventilate well.

#### 7. HANDLING AND STORAGE

##### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation.

##### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

| Name     | STD | TWA - 8 Hrs |            | STEL - 15 Min |            | Notes |
|----------|-----|-------------|------------|---------------|------------|-------|
| BUTANE   | WEL | 600 ppm     | 1450 mg/m3 | 750 ppm       | 1810 mg/m3 |       |
| BUTANONE | WEL | 200 ppm     | 600 mg/m3  | 300 ppm       | 899 mg/m3  | Sk    |
| TOLUENE  | WEL | 50 ppm      | 191 mg/m3  | 100 ppm       | 384 mg/m3  | Sk    |

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### PROTECTIVE EQUIPMENT



### EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. **DO NOT SMOKE IN WORK AREA!**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                               |                            |
|-------------------------------|----------------------------|
| APPEARANCE                    | Aerosol Liquid             |
| COLOUR                        | White                      |
| ODOUR                         | Characteristic             |
| VOLATILITY DESCRIPTION        | Volatile                   |
| SOLUBILITY                    | Insoluble in water         |
| RELATIVE DENSITY              | @ 20 °C (68 F)             |
| VAPOUR PRESSURE               | 0.87 kPa @ 25 °C (77 F)    |
| FLASH POINT (°C)              | <0 (32 F) CC (Closed cup). |
| AUTO IGNITION                 | 410/550                    |
| TEMPERATURE (°C)              |                            |
| FLAMMABILITY LIMIT - LOWER(%) | 1.8                        |
| FLAMMABILITY LIMIT - UPPER(%) | 10                         |

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**10. STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

**MATERIALS TO AVOID**

Powdered metal. Alkali metals. Alkali earth metals.

**11. TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

No information available.

**INHALATION**

Harmful by inhalation. May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

**SKIN CONTACT**

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin.

**EYE CONTACT**

Irritating to eyes.

**HEALTH WARNINGS**

Intentional misuse by concentrating / inhaling contents may be lethal

**ROUTE OF ENTRY**

Inhalation.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY**

No data on possible environmental effects have been found. Not regarded as dangerous for the environment.

|                              |             |
|------------------------------|-------------|
| Name                         | TOLUENE     |
| LC 50, 96 Hrs, Fish mg/l     | 24          |
| EC 50, 48 Hrs, Daphnia, mg/l | 19.6        |
| Name                         | BUTANONE    |
| LC 50, 96 Hrs, Fish mg/l     | 3200 - 5600 |
| EC 50, 48 Hrs, Daphnia, mg/l | 7060        |
| Mobility                     |             |

The product is soluble in water.

Bioaccumulative Potential

No data available on bioaccumulation.

Degradability

The product is easily biodegradable.

Acute Fish Toxicity

Not considered toxic to fish.

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### 13. DISPOSAL CONSIDERATIONS

#### DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements

### 14. TRANSPORT INFORMATION



|                                                      |                    |
|------------------------------------------------------|--------------------|
| PROPER SHIPPING NAME                                 | AEROSOLS           |
| PROPER SHIPPING NAME                                 | CONSUMER COMMODITY |
| ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT | No.                |
| UN NO. ROAD                                          | 1950               |
| ADR CLASS NO.                                        | 2                  |
| ADR CLASS                                            | Class 2: Gases     |
| ADR PACK GROUP                                       | N/A                |
| ADR LABEL NO. UN                                     | 2.1                |
| NO. SEA                                              | 1950               |
| IMDG CLASS                                           | 2.1                |
| IMDG PACK GR.                                        | N/A                |
| EMS                                                  | F-D, S-U           |
| UN NO. AIR AIR                                       | 1950               |
| CLASS AIR PACK                                       | 2.1                |
| GR.                                                  | #                  |

### 15. REGULATORY INFORMATION



Harmful  
TOLUENE



Extremely  
Flammable

#### CONTAINS

#### RISK PHRASES

|        |                                                                                       |
|--------|---------------------------------------------------------------------------------------|
| R12    | Extremely flammable.                                                                  |
| R36/38 | Irritating to eyes and skin.                                                          |
| R48/20 | Harmful: danger of serious damage to health by prolonged exposure through inhalation. |
| R63    | Possible risk of harm to the unborn child. Vapours                                    |
| R67    | may cause drowsiness and dizziness.                                                   |

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**SAFETY PHRASES**

|        |                                                                                                                                       |
|--------|---------------------------------------------------------------------------------------------------------------------------------------|
| A1     | Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. |
| A2     | Do not spray on a naked flame or any incandescent material.                                                                           |
| S2     | Keep out of the reach of children.                                                                                                    |
| S16    | Keep away from sources of ignition - No smoking.                                                                                      |
| S23    | Do not breathe vapour/spray.                                                                                                          |
| S24/25 | Avoid contact with skin and eyes.                                                                                                     |
| S36/37 | Wear suitable protective clothing and gloves.                                                                                         |

**16. OTHER INFORMATION****REVISION COMMENTS**

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

ISSUED BY

Helen O'Reilly

REVISION DATE

NOVEMBER 2010

REV. NO./REPL. SDS

4

GENERATED

SDS NO.

10487

**RISK PHRASES IN FULL**

|        |                                                                                             |
|--------|---------------------------------------------------------------------------------------------|
| R12    | Extremely flammable.                                                                        |
| R10    | Flammable.                                                                                  |
| R48/20 | Harmful: danger of serious damage to health by prolonged exposure through inhalation.       |
| R65    | Harmful: may cause lung damage if swallowed.                                                |
| R11    | Highly flammable.                                                                           |
| R36    | Irritating to eyes.                                                                         |
| R37    | Irritating to respiratory system.                                                           |
| R38    | Irritating to skin.                                                                         |
| R63    | Possible risk of harm to the unborn child.                                                  |
| R66    | Repeated exposure may cause skin dryness or cracking.                                       |
| R51/53 | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R67    | Vapours may cause drowsiness and dizziness.                                                 |