

07.03.2023

### Kit components

| Product code | Description |
|--------------|-------------|
|--------------|-------------|

|                  |                                         |
|------------------|-----------------------------------------|
| <b>365-B0000</b> | <b>Variopox Finishing Filler T5 set</b> |
|------------------|-----------------------------------------|

Components:

|           |                                     |
|-----------|-------------------------------------|
| 363-B0000 | Variopox Finishing Filler T5 basis  |
| 364-B0000 | Variopox Finishing Filler T5 harder |

# Safety data sheet according to 1907/2006/EC, Article 31

Printing date 07.03.2023

Version number 6 (replaces version 5)

Revision: 07.03.2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: **Variopox Finishing Filler T5 basis**

Article number: 363-B0000

UFI: U755-10CY-U003-1F8R

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

- Sector of Use
  - SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
  - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
  - SU19 Building and construction work
- Process category
  - PROC19 Manual activities involving hand contact
- Environmental release category
  - ERC5 Use at industrial site leading to inclusion into/onto article
  - ERC8c Widespread use leading to inclusion into/onto article (indoor)
  - ERC8f Widespread use leading to inclusion into/onto article (outdoor)
  - AC13 Plastic articles
- Article category
- Application of the substance / the mixture
  - See our technical datasheet for application details of this product.
  - Epoxy filler

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

Manufacturer/Supplier: De IJssel Coatings BV, Centrumbaan 960, NL 2841 MH Moordrecht  
Tel: +31 182 372177, E-mail: info@de-ijssel-coatings.nl

Further information obtainable from: Research and Development.


### 1.4 Emergency telephone number:

De IJssel Coatings BV, Tel. +31 182 372177, E-mail: safety@de-ijssel-coatings.nl  
Office hours: working days from 08:00 to 17:00 hrs.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

 GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

 GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

   
GHS07 GHS09

Signal word Warning

Hazard-determining components of labelling:

bis[4-(2,3-epoxypropoxy)phenyl]propane

2,2-bis(acryloyloxymethyl)butyl acrylate

Hazard statements

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.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P261 Avoid breathing mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P362+P364 Take off contaminated clothing and wash it before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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- P337+P313 If eye irritation persists: Get medical advice/attention.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Additional information: EUH031 Contact with acids liberates toxic gas.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

- Description: Mixture of substances listed below with nonhazardous additions.

#### • Dangerous components:

|                                                                                                 |                                                                                                                                                                                                                                  |          |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| CAS: 1675-54-3<br>EINECS: 216-823-5<br>Index number: 603-073-00-2<br>Reg.nr.: 01-2119456619-26  | bis[4-(2,3-epoxypropoxy)phenyl]propane<br>⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317<br>Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 %<br>Skin Irrit. 2; H315: C ≥ 5 % | 10 – 25% |
| CAS: 15625-89-5<br>EINECS: 239-701-3<br>Index number: 607-111-00-9<br>Reg.nr.: 01-2119489896-11 | 2,2-bis(acryloyloxymethyl)butyl acrylate<br>⚠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317                                                                                                                        | 10 – 25% |

- Additional information: For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product.
- After inhalation: Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing: If symptoms persist consult doctor.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3 Advice for firefighters

- Protective equipment: Mouth respiratory protective device.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.

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- **6.4 Reference to other sections**
  - Ensure adequate ventilation.
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

## \* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.
- Information about fire - and explosion protection:
  - No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - Storage:
    - Store material in original, tightly closed containers in a cool, well-ventilated area in accordance with applicable (local) regulations. Depending on total volume stored, the storage area should comply with PGS15.
  - Requirements to be met by storerooms and receptacles:
    - Do not store together with acids.
  - Information about storage in one common storage facility:
    - Keep container tightly sealed.
  - Further information about storage conditions:
    - 5 - 30 °C
  - Recommended storage temperature:
    - No further relevant information available.
- **7.3 Specific end use(s)**

## SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
  - Ingredients with limit values that require monitoring at the workplace:
    - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

|                                                             |                                                  |                                             |
|-------------------------------------------------------------|--------------------------------------------------|---------------------------------------------|
| • DNEL (Derived No Effect Level) for workers                |                                                  |                                             |
| <b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>     |                                                  |                                             |
| Dermal                                                      | Long-term - systemic effects, worker             | 0.75 mg/kg bw/day (Worker)                  |
| Inhalative                                                  | Long-term - systemic effects, worker             | 4.93 mg/m <sup>3</sup> (Worker)             |
| • DNEL (Derived No Effect Level) for the general population |                                                  |                                             |
| <b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>     |                                                  |                                             |
| Oral                                                        | Long-term - systemic effects, general population | 0.5 mg/kg bw/day (General population)       |
| Dermal                                                      | Long-term - systemic effects, general population | 0.0893 mg/kg bw/day (General population)    |
| Inhalative                                                  | Long-term - systemic effects, general population | 0.87 mg/m <sup>3</sup> (General population) |
| • PNEC (Predicted No Effect Concentration) values           |                                                  |                                             |
| <b>1675-54-3 bis[4-(2,3-epoxypropoxy)phenyl]propane</b>     |                                                  |                                             |
| Aquatic compartment - freshwater                            |                                                  | 0.006 mg/l (Freshwater)                     |
| Aquatic compartment - marine water                          |                                                  | 0.001 mg/l (Marine water)                   |
| Aquatic compartment - sediment in freshwater                |                                                  | 0.341 mg/kg sed dw (Sediment freshwater)    |
| Aquatic compartment - sediment in marine water              |                                                  | 0.034 mg/kg sed dw (Sediment marine water)  |
| Terrestrial compartment - soil                              |                                                  | 0.065 mg/kg dw (Soil)                       |
| Sewage treatment plant                                      |                                                  | 10 mg/l (stp)                               |
| Oral secondary poisoning                                    |                                                  | 11 mg/kg food (Food sec poisoning)          |

- Additional information:
  - The lists valid during the making were used as basis.
- **8.2 Exposure controls**
  - Appropriate engineering controls
    - No further data; see item 7.
  - Individual protection measures, such as personal protective equipment
  - General protective and hygienic measures:
    - Keep away from foodstuffs, beverages and feed.
    - Immediately remove all soiled and contaminated clothing
    - Wash hands before breaks and at the end of work.
    - Avoid contact with the eyes and skin.

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- Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Hand protection: Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
Recommended thickness of the material:  $\geq 0.3$  mm
- Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
- For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR
- As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Not suitable are gloves made of the following materials: Leather gloves  
Strong material gloves
- Eye/face protection: Tightly sealed goggles

## \* SECTION 9: Physical and chemical properties

### • 9.1 Information on basic physical and chemical properties

- General Information
- Physical state: Fluid
- Colour: According to product specification
- Odour: Characteristic
- Odour threshold: Not determined.
- Melting point/freezing point: Undetermined.
- Boiling point or initial boiling point and boiling range: Undetermined.
- Flammability: Not applicable.
- Lower and upper explosion limit
- Lower: Not determined.
- Upper: Not determined.
- Flash point:  $> 150$  °C (DIN 51758)
- Decomposition temperature: Not determined.
- pH: Not determined.
- Viscosity:
- Kinematic viscosity: Not determined.
- Dynamic: Not determined.
- Solubility
- water: Fully miscible.
- Partition coefficient n-octanol/water (log value): Not determined.
- Vapour pressure: Not determined.
- Density and/or relative density
- Density at 20 °C:  $1.782 \text{ g/cm}^3$  (DIN 51757, ASTM D 1298)
- Relative density: Not determined.
- Vapour density: Not determined.

### • 9.2 Other information

- Appearance:
- Form: Fluid
- Important information on protection of health and environment, and on safety.
- Ignition temperature: Product is not selfigniting.
- Explosive properties: Product does not present an explosion hazard.

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|                                                                             |                 |
|-----------------------------------------------------------------------------|-----------------|
| • Solvent content:                                                          |                 |
| • Organic solvents:                                                         | 20.0 %          |
| • VOC:                                                                      |                 |
| • VOC (2004/42/EC):                                                         | 20.00 %         |
| • Solids content:                                                           | 100.0 %         |
| • Change in condition                                                       |                 |
| • Evaporation rate                                                          | Not determined. |
| • Information with regard to physical hazard classes                        |                 |
| • Explosives                                                                | Void            |
| • Flammable gases                                                           | Void            |
| • Aerosols                                                                  | Void            |
| • Oxidising gases                                                           | Void            |
| • Gases under pressure                                                      | Void            |
| • Flammable liquids                                                         | Void            |
| • Flammable solids                                                          | Void            |
| • Self-reactive substances and mixtures                                     | Void            |
| • Pyrophoric liquids                                                        | Void            |
| • Pyrophoric solids                                                         | Void            |
| • Self-heating substances and mixtures                                      | Void            |
| • Substances and mixtures, which emit flammable gases in contact with water | Void            |
| • Oxidising liquids                                                         | Void            |
| • Oxidising solids                                                          | Void            |
| • Organic peroxides                                                         | Void            |
| • Corrosive to metals                                                       | Void            |
| • Desensitised explosives                                                   | Void            |

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## \* SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity Based on available data, the classification criteria are not met.
- Skin corrosion/irritation Causes skin irritation.
- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- Endocrine disrupting properties

None of the ingredients is listed.

## \* SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.

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- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- PBT: Not applicable.
- vPvB: Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- Remark: Toxic for fish
- Additional ecological information:
- General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- Recommendation Must not be disposed together with household garbage. Do not allow product to reach sewage system.

|                            |                                           |
|----------------------------|-------------------------------------------|
| • European waste catalogue |                                           |
| HP4                        | Irritant - skin irritation and eye damage |
| HP12                       | Release of an acute toxic gas             |
| HP13                       | Sensitising                               |
| HP14                       | Ecotoxic                                  |

- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

## \* SECTION 14: Transport information

|                                               |                                                                                                                            |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| • <b>14.1 UN number or ID number</b>          |                                                                                                                            |
| • ADR/RID/ADN, IMDG, IATA                     | UN3082                                                                                                                     |
| • <b>14.2 UN proper shipping name</b>         |                                                                                                                            |
| • ADR/RID/ADN                                 | 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ACRYLAMIDE, bis[4-(2,3-epoxypropoxy)phenyl]propane)              |
| • IMDG                                        | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ACRYLAMIDE, bis[4-(2,3-epoxypropoxy)phenyl]propane), MARINE POLLUTANT |
| • IATA                                        | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ACRYLAMIDE, bis[4-(2,3-epoxypropoxy)phenyl]propane)                   |
| • <b>14.3 Transport hazard class(es)</b>      |                                                                                                                            |
| • ADR/RID/ADN                                 |                                                                                                                            |
| • Class                                       | 9 (M6) Miscellaneous dangerous substances and articles.                                                                    |
| • Label                                       | 9                                                                                                                          |
| -----                                         |                                                                                                                            |
| • IMDG, IATA                                  |                                                                                                                            |
| • Class                                       | 9 Miscellaneous dangerous substances and articles.                                                                         |
| • Label                                       | 9                                                                                                                          |
| • <b>14.4 Packing group</b>                   |                                                                                                                            |
| • ADR/RID/ADN, IMDG, IATA                     | III                                                                                                                        |
| • <b>14.5 Environmental hazards:</b>          |                                                                                                                            |
| • Marine pollutant:                           | Product contains environmentally hazardous substances: 2,2-bis(acryloyloxymethyl)butyl acrylate                            |
| • Special marking (ADR/RID/ADN):              | Symbol (fish and tree)                                                                                                     |
| • Special marking (IATA):                     | Symbol (fish and tree)                                                                                                     |
| • <b>14.6 Special precautions for user</b>    |                                                                                                                            |
| • Hazard identification number (Kemler code): | Warning: Miscellaneous dangerous substances and articles.                                                                  |
| • EMS Number:                                 | 90                                                                                                                         |
|                                               | F-A,S-F                                                                                                                    |

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|                                                                       |                                                                                                                           |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| · Stowage Category                                                    | A                                                                                                                         |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b> | Not applicable.                                                                                                           |
| · Transport/Additional information:                                   |                                                                                                                           |
| · ADR/RID/ADN                                                         | 5L                                                                                                                        |
| · Limited quantities (LQ)                                             | Code: E1                                                                                                                  |
| · Excepted quantities (EQ)                                            | Maximum net quantity per inner packaging: 30 ml                                                                           |
|                                                                       | Maximum net quantity per outer packaging: 1000 ml                                                                         |
| · Transport category                                                  | 3                                                                                                                         |
| · Tunnel restriction code                                             | (-)                                                                                                                       |
| · IMDG                                                                | 5L                                                                                                                        |
| · Limited quantities (LQ)                                             | Code: E1                                                                                                                  |
| · Excepted quantities (EQ)                                            | Maximum net quantity per inner packaging: 30 ml                                                                           |
|                                                                       | Maximum net quantity per outer packaging: 1000 ml                                                                         |
| · UN "Model Regulation":                                              | UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ACRYLAMIDE, BIS[4-(2,3-EPOXYPROPOXY)PHENYL] PROPANE), 9, III |

## SECTION 15: Regulatory information

### · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I
- Seveso category
- Qualifying quantity (tonnes) for the application of lower-tier requirements
- Qualifying quantity (tonnes) for the application of upper-tier requirements
- REGULATION (EC) No 1907/2006 ANNEX XVII

None of the ingredients is listed.  
E2 Hazardous to the Aquatic Environment  
200 t  
500 t  
Conditions of restriction: 3

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

· REGULATION (EU) 2019/1148

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

· Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

· National regulations:

· Technical instructions (air):

| Class | Share in % |
|-------|------------|
| NK    | 20.0       |

### · 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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

| Classification according to Regulation (EC) No 1272/2008                                                                                                         |                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Skin corrosion/irritation<br>Serious eye damage/irritation<br>Skin sensitisation<br>Hazardous to the aquatic environment - long-term (chronic)<br>aquatic hazard | The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008. |

- Department issuing SDS: Research and Development
- Contact: Saïda El Asjadi, tel: +31 182 372177, e-mail: [safety@de-ijssel-coatings.nl](mailto:safety@de-ijssel-coatings.nl)
- Date of previous version: 13.01.2023
- Version number of previous version: 5
- Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Skin Sens. 1: Skin sensitisation – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Literature data and/or investigation reports are available through the manufacturer.
- Sources:
- \* Data compared to the previous version altered.

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Version number 10 (replaces version 9)

Revision: 07.03.2023

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Trade name: **Variopox Finishing Filler T5 harder**

Article number: 364-B0000

UFI: K155-1006-7003-QS3M

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

Sector of Use SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites  
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Process category SU19 Building and construction work

Environmental release category PROC19 Manual activities involving hand contact

ERC5 Use at industrial site leading to inclusion into/onto article

ERC8c Widespread use leading to inclusion into/onto article (indoor)

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

AC13 Plastic articles

Article category See our technical datasheet for application details of this product.

Application of the substance / the mixture Epoxy filler  
Epoxy curing agent

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

Manufacturer/Supplier: De IJssel Coatings BV, Centrumbaan 960, NL 2841 MH Moordrecht  
Tel: +31 182 372177, E-mail: info@de-ijssel-coatings.nl

Further information obtainable from: Research and Development.


### 1.4 Emergency telephone number:

De IJssel Coatings BV, Tel. +31 182 372177, E-mail: safety@de-ijssel-coatings.nl  
Office hours: working days from 08:00 to 17:00 hrs.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

 GHS05 corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

 GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Sens. 1 H317 May cause an allergic skin reaction.



Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms

The product is classified and labelled according to the CLP regulation.

   
GHS05 GHS07

Signal word Danger

Hazard-determining components of labelling:

m-phenylenebis(methylamine)  
phenol, styrenated  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
3,3,5-trimethylhexamethylene-diamine

Hazard statements

H332 Harmful if inhaled.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P310 Immediately call a POISON CENTER/doctor.

P362+P364 Take off contaminated clothing and wash it before reuse.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## 2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

Determination of endocrine-disrupting properties

61788-44-1 phenol, styrenated

List II

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

|                                                                                                |                                                                                                                                                                                                                                     |          |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| CAS: 61788-44-1<br>EINECS: 262-975-0<br>Reg.nr.: 01-2119980970-27                              | phenol, styrenated<br>⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317                                                                                                                                          | 10 – 25% |
| CAS: 1477-55-0<br>EINECS: 216-032-5<br>Reg.nr.: 01-2119480150-50                               | m-phenylenebis(methylamine)<br>⚠ Skin Corr. 1A, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317, EUH071                                                                                                          | 3 – 25%  |
| CAS: 2855-13-2<br>EINECS: 220-666-8<br>Index number: 612-067-00-9<br>Reg.nr.: 01-2119514687-32 | 3-aminomethyl-3,5,5-trimethylcyclohexylamine<br>⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317<br>ATE: LD50 oral: 1,030 mg/kg<br>Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.001 % | 0 – 10%  |
| CAS: 25513-64-8<br>EINECS: 247-063-2<br>Reg.nr.: 01-2119560598-25                              | 3,3,5-trimethylhexamethylene-diamine<br>⚠ Skin Corr. 1A, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Skin Sens. 1A, H317                                                                                                          | 0 – 10%  |

Additional information: For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General information: Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- After inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

### 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

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### 5.3 Advice for firefighters

- Protective equipment: Mouth respiratory protective device.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.

### 6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.  
Do not allow to enter sewers/ surface or ground water.

### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.

### 6.4 Reference to other sections

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.

- Information about fire - and explosion protection:

Keep respiratory protective device available.

### 7.2 Conditions for safe storage, including any incompatibilities

- Storage:

- Requirements to be met by storerooms and receptacles:

Store material in original, tightly closed containers in a cool, well-ventilated area in accordance with applicable (local) regulations. Depending on total volume stored, the storage area should comply with PGS15.

- Information about storage in one common storage facility:

Not required.

- Further information about storage conditions:

Keep container tightly sealed.

- Recommended storage temperature:

5 - 30 °C

### 7.3 Specific end use(s)

No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- DNEL (Derived No Effect Level) for workers

#### 61788-44-1 phenol, styrenated

|            |                                      |                                |
|------------|--------------------------------------|--------------------------------|
| Dermal     | Long-term - systemic effects, worker | 3.5 mg/kg bw/day (Worker)      |
| Inhalative | Long-term - systemic effects, worker | 7.4 mg/m <sup>3</sup> (Worker) |

#### 1477-55-0 m-phenylenebis(methylamine)

|            |                                      |                                |
|------------|--------------------------------------|--------------------------------|
| Dermal     | Long-term - systemic effects, worker | 0.33 mg/kg bw/day (Worker)     |
| Inhalative | Long-term - systemic effects, worker | 1.2 mg/m <sup>3</sup> (Worker) |

#### 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine

|            |                                  |                                  |
|------------|----------------------------------|----------------------------------|
| Inhalative | Acute - systemic effects, worker | 0.073 mg/m <sup>3</sup> (Worker) |
|            | Acute - local effects, worker    | 20.1 mg/m <sup>3</sup> (Worker)  |

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|                                                               |                                                                                            |
|---------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| • DNEL (Derived No Effect Level) for the general population   |                                                                                            |
| <b>2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b> |                                                                                            |
| Oral                                                          | Long-term - systemic effects, general population   0.526 mg/kg bw/day (General population) |
| • PNEC (Predicted No Effect Concentration) values             |                                                                                            |
| <b>61788-44-1 phenol, styrenated</b>                          |                                                                                            |
| Aquatic compartment - freshwater                              | 0.03 mg/l (Freshwater)                                                                     |
| Aquatic compartment - marine water                            | 0.003 mg/l (Marine water)                                                                  |
| <b>1477-55-0 m-phenylenebis(methylamine)</b>                  |                                                                                            |
| Aquatic compartment - freshwater                              | 0.094 mg/l (Freshwater)                                                                    |
| Aquatic compartment - marine water                            | 0.0094 mg/l (Marine water)                                                                 |
| Aquatic compartment - water, intermittent releases            | 0.152 mg/l (Intermittent release water)                                                    |
| Aquatic compartment - sediment in freshwater                  | 0.43 mg/kg sed dw (Sediment freshwater)                                                    |
| Aquatic compartment - sediment in marine water                | 0.043 mg/kg sed dw (Sediment marine water)                                                 |
| Terrestrial compartment - soil                                | 0.045 mg/kg dw (Soil)                                                                      |
| Sewage treatment plant                                        | 10 mg/l (stp)                                                                              |
| <b>2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine</b> |                                                                                            |
| Aquatic compartment - freshwater                              | 0.06 mg/l (Freshwater)                                                                     |
| Aquatic compartment - marine water                            | 0.006 mg/l (Marine water)                                                                  |
| Aquatic compartment - water, intermittent releases            | 0.23 mg/l (Intermittent release water)                                                     |
| Aquatic compartment - sediment in freshwater                  | 5.784 mg/kg sed dw (Sediment freshwater)                                                   |
| Aquatic compartment - sediment in marine water                | 0.578 mg/kg sed dw (Sediment marine water)                                                 |
| Terrestrial compartment - soil                                | 1.121 mg/kg dw (Soil)                                                                      |
| Sewage treatment plant                                        | 3.18 mg/l (stp)                                                                            |

• Additional information: The lists valid during the making were used as basis.

**• 8.2 Exposure controls**

- Appropriate engineering controls No further data; see item 7.
- Individual protection measures, such as personal protective equipment
- General protective and hygienic measures:
  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes.
  - Avoid contact with the eyes and skin.
- Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- Hand protection: Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.  
Recommended thickness of the material:  $\geq 0.3$  mm
- Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.  
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 16523-1:2015: Level 6).
- For the permanent contact gloves made of the following materials are suitable: Nitrile rubber, NBR
- As protection from splashes gloves made of the following materials are suitable: Nitrile rubber, NBR
- Not suitable are gloves made of the following materials:
  - Leather gloves
  - Strong material gloves

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— EU —

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• Eye/face protection

Tightly sealed goggles

## SECTION 9: Physical and chemical properties

### • 9.1 Information on basic physical and chemical properties

|                                                            |                                                  |
|------------------------------------------------------------|--------------------------------------------------|
| • General Information                                      |                                                  |
| • Physical state                                           | Fluid                                            |
| • Colour:                                                  | Light green                                      |
| • Odour:                                                   | Amine-like                                       |
| • Odour threshold:                                         | Not determined.                                  |
| • Melting point/freezing point:                            | Undetermined.                                    |
| • Boiling point or initial boiling point and boiling range | 274 °C (1477-55-0 m-phenylenebis(methylamine))   |
| • Flammability                                             | Not applicable.                                  |
| • Lower and upper explosion limit                          |                                                  |
| • Lower:                                                   | Not determined.                                  |
| • Upper:                                                   | Not determined.                                  |
| • Flash point:                                             | > 100 °C (DIN 51758)                             |
| • Decomposition temperature:                               | Not determined.                                  |
| • pH                                                       | Not determined.                                  |
| • Viscosity:                                               |                                                  |
| • Kinematic viscosity                                      | Not determined.                                  |
| • Dynamic:                                                 | Not determined.                                  |
| • Solubility                                               |                                                  |
| • water:                                                   | Fully miscible.                                  |
| • Partition coefficient n-octanol/water (log value)        | Not determined.                                  |
| • Vapour pressure at 25 °C:                                | ~ 0 hPa                                          |
| • Density and/or relative density                          |                                                  |
| • Density at 20 °C:                                        | 1.782 g/cm <sup>3</sup> (DIN 51757, ASTM D 1298) |
| • Relative density                                         | Not determined.                                  |
| • Vapour density                                           | Not determined.                                  |

### • 9.2 Other information

|                                                                                 |                                               |
|---------------------------------------------------------------------------------|-----------------------------------------------|
| • Appearance:                                                                   |                                               |
| • Form:                                                                         | Pasty                                         |
| • Important information on protection of health and environment, and on safety. |                                               |
| • Ignition temperature:                                                         | Product is not selfigniting.                  |
| • Explosive properties:                                                         | Product does not present an explosion hazard. |
| • VOC:                                                                          |                                               |
| • VOC (2004/42/EC):                                                             | 0.00 %                                        |
| • Solids content:                                                               | 71.2 – 76.6 %                                 |
| • Change in condition                                                           |                                               |
| • Evaporation rate                                                              | Not determined.                               |

### • Information with regard to physical hazard classes

|                                                                             |      |
|-----------------------------------------------------------------------------|------|
| • Explosives                                                                | Void |
| • Flammable gases                                                           | Void |
| • Aerosols                                                                  | Void |
| • Oxidising gases                                                           | Void |
| • Gases under pressure                                                      | Void |
| • Flammable liquids                                                         | Void |
| • Flammable solids                                                          | Void |
| • Self-reactive substances and mixtures                                     | Void |
| • Pyrophoric liquids                                                        | Void |
| • Pyrophoric solids                                                         | Void |
| • Self-heating substances and mixtures                                      | Void |
| • Substances and mixtures, which emit flammable gases in contact with water | Void |
| • Oxidising liquids                                                         | Void |
| • Oxidising solids                                                          | Void |
| • Organic peroxides                                                         | Void |
| • Corrosive to metals                                                       | Void |
| • Desensitised explosives                                                   | Void |

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## SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

## SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- Acute toxicity Harmful if inhaled.
- LD/LC50 values relevant for classification:

| 11.2.666 Hazard-related classification                 |                    |                                                                   |       |         |
|--------------------------------------------------------|--------------------|-------------------------------------------------------------------|-------|---------|
| Components                                             |                    | Type                                                              | Value | Species |
| ATE (Acute Toxicity Estimates)                         |                    |                                                                   |       |         |
| Oral                                                   | LD50               | 4,153 – 9,872 mg/kg                                               |       |         |
| 1477-55-0 m-phenylenebis(methylamine)                  |                    |                                                                   |       |         |
| Oral                                                   | LD50               | 1,040 mg/kg (Rat)                                                 |       |         |
| 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine |                    |                                                                   |       |         |
| Oral                                                   | LD50               | 1,030 mg/kg (ATE)                                                 |       |         |
| • Skin corrosion/irritation                            |                    | Causes severe skin burns and eye damage.                          |       |         |
| • Serious eye damage/irritation                        |                    | Causes serious eye damage.                                        |       |         |
| • Respiratory or skin sensitisation                    |                    | May cause an allergic skin reaction.                              |       |         |
| • Germ cell mutagenicity                               |                    | Based on available data, the classification criteria are not met. |       |         |
| • Carcinogenicity                                      |                    | Based on available data, the classification criteria are not met. |       |         |
| • Reproductive toxicity                                |                    | Based on available data, the classification criteria are not met. |       |         |
| • STOT-single exposure                                 |                    | Based on available data, the classification criteria are not met. |       |         |
| • STOT-repeated exposure                               |                    | Based on available data, the classification criteria are not met. |       |         |
| • Aspiration hazard                                    |                    | Based on available data, the classification criteria are not met. |       |         |
| 11.2 Information on other hazards                      |                    |                                                                   |       |         |
| • Endocrine disrupting properties                      |                    |                                                                   |       |         |
| 61788-44-1                                             | phenol, styrenated |                                                                   |       | List II |

## SECTION 12: Ecological information

- **12.1 Toxicity**
- Aquatic toxicity: No further relevant information available.

| Type of test                              | Effective concentration | Method                                                             | Assessment |
|-------------------------------------------|-------------------------|--------------------------------------------------------------------|------------|
| ATE (Acute Toxicity Estimates)            |                         |                                                                    |            |
| Inhalative                                | LC50/4 h                | 18 – 31.6 mg/l (Rat)                                               |            |
| 1477-55-0 m-phenylenebis(methylamine)     |                         |                                                                    |            |
| Inhalative                                | LC50/4 h                | 2.4 mg/l (Rat)                                                     |            |
| · 12.2 Persistence and degradability      |                         |                                                                    |            |
|                                           |                         | No further relevant information available.                         |            |
| · 12.3 Bioaccumulative potential          |                         |                                                                    |            |
|                                           |                         | No further relevant information available.                         |            |
| · 12.4 Mobility in soil                   |                         |                                                                    |            |
|                                           |                         | No further relevant information available.                         |            |
| · 12.5 Results of PBT and vPvB assessment |                         |                                                                    |            |
| · PBT:                                    |                         | Not applicable.                                                    |            |
| · vPvB:                                   |                         | Not applicable.                                                    |            |
| · 12.6 Endocrine disrupting properties    |                         |                                                                    |            |
|                                           |                         | For information on endocrine disrupting properties see section 11. |            |
| · 12.7 Other adverse effects              |                         |                                                                    |            |
| · Remark:                                 |                         |                                                                    |            |
|                                           |                         | Harmful to fish                                                    |            |

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- Additional ecological information:
- General notes: Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Must not reach sewage water or drainage ditch undiluted or unneutralised.  
Danger to drinking water if even small quantities leak into the ground.  
Harmful to aquatic organisms

## SECTION 13: Disposal considerations

- 13.1 Waste treatment methods**
- Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.

|                          |             |
|--------------------------|-------------|
| European waste catalogue |             |
| HP8                      | Corrosive   |
| HP13                     | Sensitising |
| HP14                     | Ecotoxic    |

- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

## SECTION 14: Transport information

|                                                                                                                                                                                                                                                      |  |                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li><b>14.1 UN number or ID number</b></li> <li>ADR/RID/ADN, IMDG, IATA</li> </ul>                                                                                                                                |  | UN2735                                                                                                                                                                        |
| <ul style="list-style-type: none"> <li><b>14.2 UN proper shipping name</b></li> <li>ADR/RID/ADN</li> <li>IMDG, IATA</li> </ul>                                                                                                                       |  | 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), ISOPHORONEDIAMINE)<br>AMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), ISOPHORONEDIAMINE) |
| <ul style="list-style-type: none"> <li><b>14.3 Transport hazard class(es)</b></li> <li>ADR/RID/ADN</li> <li>Class</li> <li>Label</li> </ul>                                                                                                          |  | 8 (C7) Corrosive substances.<br>8                                                                                                                                             |
| <ul style="list-style-type: none"> <li>IMDG, IATA</li> <li>Class</li> <li>Label</li> </ul>                                                                                                                                                           |  | 8 Corrosive substances.<br>8                                                                                                                                                  |
| <ul style="list-style-type: none"> <li><b>14.4 Packing group</b></li> <li>ADR/RID/ADN, IMDG, IATA</li> </ul>                                                                                                                                         |  | II                                                                                                                                                                            |
| <ul style="list-style-type: none"> <li><b>14.5 Environmental hazards:</b></li> </ul>                                                                                                                                                                 |  | Not applicable.                                                                                                                                                               |
| <ul style="list-style-type: none"> <li><b>14.6 Special precautions for user</b></li> <li>Hazard identification number (Kemler code):</li> <li>EMS Number:</li> <li>Segregation groups</li> <li>Stowage Category</li> <li>Segregation Code</li> </ul> |  | Warning: Corrosive substances.<br>80<br>F-A,S-B<br>(SGG18) Alkalies<br>A<br>SG35 Stow "separated from" SGG1-acids                                                             |
| <ul style="list-style-type: none"> <li><b>14.7 Maritime transport in bulk according to IMO instruments</b></li> </ul>                                                                                                                                |  | Not applicable.                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>Transport/Additional information:</li> <li>ADR/RID/ADN</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> <li>Transport category</li> <li>Tunnel restriction code</li> </ul>             |  | 1L<br>Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml<br>2<br>E                                               |

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|                                                                                                                           |                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>IMDG</li> <li>Limited quantities (LQ)</li> <li>Excepted quantities (EQ)</li> </ul> | 1L<br>Code: E2<br>Maximum net quantity per inner packaging: 30 ml<br>Maximum net quantity per outer packaging: 500 ml |
| <ul style="list-style-type: none"> <li>UN "Model Regulation":</li> </ul>                                                  | UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (M-PHENYLENEBIS(METHYLAMINE), ISOPHORONEDIAMINE), 8, II                     |

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I  
None of the ingredients is listed.
- REGULATION (EC) No 1907/2006 ANNEX XVII  
Conditions of restriction: 3

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- REGULATION (EU) 2019/1148

- Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

- Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

- Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

- Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

### 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Relevant phrases
  - H302 Harmful if swallowed.
  - H314 Causes severe skin burns and eye damage.
  - H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H318 Causes serious eye damage.
  - H332 Harmful if inhaled.
  - H411 Toxic to aquatic life with long lasting effects.
  - EUH071 Corrosive to the respiratory tract.

- Classification according to Regulation (EC) No 1272/2008

Acute toxicity - inhalation  
Skin corrosion/irritation  
Serious eye damage/irritation  
Skin sensitisation  
Hazardous to the aquatic environment - long-term (chronic)  
aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- Department issuing SDS: Research and Development
- Contact: Saïda El Asjadi, tel: +31 182 372177, e-mail: [safety@de-ijssel-coatings.nl](mailto:safety@de-ijssel-coatings.nl)
- Date of previous version: 13.01.2023
- Version number of previous version: 9
- Abbreviations and acronyms:
  - ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
  - IMDG: International Maritime Code for Dangerous Goods
  - IATA: International Air Transport Association

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— EU —

**Safety data sheet  
according to 1907/2006/EC, Article 31**

Printing date 07.03.2023

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Revision: 07.03.2023

**Trade name: Variopox Finishing Filler T5 harder**

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GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3  
Literature data and/or investigation reports are available through the manufacturer.

- Sources:
- \* Data compared to the previous version altered.