

### SECTION 1: Identification

#### 1.1. GHS Product identifier

Product form : Article  
Product name : VSH Tectite Air

45535A 45426A 45222A 45745A 45367A  
45538A 45294A 45537A 45666A 45520A  
45866A 45437A 45876A 45742A 45212A  
45870A 45746A 45143A 45678A 45526A  
45578A 45144A 45427A 45569A 45524A  
45822A 45223A 45576A 45369A 45358A  
45370A 45123A 45874A 45516A 45676A  
45438A 45206A 45539A 45737A 45365A  
45561A 45210A 45366A 45114A 45121A  
45118A 45211A 45141A 45670A

#### 1.2. Other means of identification

Other means of identification : SCIP Number:4c4c1eca-21f2-40f0-b62b-6179e7aafd79

#### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Professional use  
Recommended use : Product for connecting steel pipes

#### 1.4. Supplier's details

Aalberts integrated piping systems BV  
Oude Amersfoortseweg 99  
1212AA Hilversum - The Netherlands  
T +31 35 688 4211  
[quality@aalberts-ips.com](mailto:quality@aalberts-ips.com) - [www.aalberts-ips.eu](http://www.aalberts-ips.eu)

#### 1.5. Emergency phone number

| Country     | Official advisory body  | Address   | Emergency number   | Remark  |
|-------------|---|---|--------------------|---|
| Netherlands | Nationaal Vergiftigingen Informatie Centrum<br>Universitair Medisch Centrum<br>Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-)artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet | Huispostnummer B.00.118<br>Postbus 85500<br>3508 GA Utrecht | +31 (0)88 755 8000 | Only for the purpose of informing medical personnel in cases of acute intoxications |

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### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification according to the United Nations GHS

|   |      |
|---|------|
| Skin sensitisation, Category 1  | H317 |
| Carcinogenicity, Category 1A  | H350 |
| Reproductive toxicity, Category 1A                                      | H360 |
| Reproductive toxicity, Additional category, Effects on or via lactation | H362 |
| Specific target organ toxicity — Repeated exposure, Category 1          | H372 |
| Hazardous to the aquatic environment — Acute Hazard, Category 1         | H400 |
| Hazardous to the aquatic environment — Chronic Hazard, Category 1       | H410 |

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects : Steel products are not considered as hazardous. However, individual customer processes such as welding, sawing, brazing, grinding, abrasive blasting, and machining may result in the formation of fumes, dust (combustible or otherwise), and/or particulate that may present the described hazards.

#### 2.2. GHS Label elements, including precautionary statements

No labelling obligation.

#### 2.3. Other hazards which do not result in classification

No additional information available.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Comments : CW511L or CW602N

| Name    | Product identifier | %           | Classification according to the United Nations GHS  |
|---------|--------------------|-------------|---|
| Copper  | CAS-No.: 7440-50-8 | 50 – 70     | Aquatic Acute 1, H400 (M=10)  |
| Zinc    | CAS-No.: 7440-66-6 | 30 – 50     | Aquatic Acute 1, H400<br>Aquatic Chronic 1, H410  |
| Lead    | CAS-No.: 7439-92-1 | 0.2 - 0.35  | Carc. 2, H351<br>Repr. 1A, H360<br>Lact., H362<br>STOT RE 1, H372<br>Aquatic Acute 1, H400  |
| Nickel  | CAS-No.: 7440-02-0 | < 1         | Skin Sens. 1, H317<br>Carc. 2, H351<br>STOT RE 1, H372<br>Aquatic Acute 1, H400 (M=10)<br>Aquatic Chronic 3, H412   |
| Arsenic | CAS-No.: 7440-38-2 | 0,01 – 0,25 | Acute Tox. 3 (Oral), H301<br>Acute Tox. 3 (Inhalation), H331<br>Carc. 1A, H350<br>Repr. 1A, H360<br>STOT RE 1, H372<br>Aquatic Acute 3, H402<br>Aquatic Chronic 1, H410 |

Full text of H-phrases: see section 16

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### SECTION 4: First-aid measures

#### 4.1. Description of necessary first-aid measures

|                                       |   |
|---------------------------------------|---|
| First-aid measures after inhalation   | : Not specifically applicable to the product (as is).   |
| First-aid measures after skin contact | : Not applicable.   |
| First-aid measures after eye contact  | : Not applicable.   |
| First-aid measures after ingestion    | : Ingestion is not considered a potential route of exposure. Call a poison center or a doctor if you feel unwell. |

#### 4.2. Most important symptoms/effects, acute and delayed

|                  |  |
|------------------|--|
| Symptoms/effects | : Not expected to present a significant hazard under anticipated conditions of normal use. |
|------------------|--|

#### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

|                              |                                  |
|------------------------------|----------------------------------|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. |
|------------------------------|----------------------------------|

#### 5.2. Specific hazards arising from the chemical

|  |  |
|--|--|
| Fire hazard                                      | : Not expected to be a fire/explosion hazard under normal conditions of use. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.   |

#### 5.3. Special protective actions for fire-fighters

|                                |  |
|--------------------------------|--|
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
|--------------------------------|--|

### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

|                      |  |
|----------------------|--|
| Emergency procedures | : Do not breathe dust/fume/gas/mist/vapours/spray. Only qualified personnel equipped with suitable protective equipment may intervene. |
|----------------------|--|

##### 6.1.2. For emergency responders

|                      |   |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
|----------------------|---|

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and materials for containment and cleaning up

|                         |   |
|-------------------------|---|
| Methods for cleaning up | : Mechanically recover the product.                             |
| Other information       | : Dispose of materials or solid residues at an authorized site. |

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid contact during pregnancy/while nursing. Wear personal protective equipment. |
|-------------------------------|---|

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Hygiene measures : Separate working clothes from town clothes. Launder separately. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available.

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : None under normal use  
Eye protection : Safety glasses  
Skin and body protection : No special clothing/skin protection equipment is recommended under normal conditions of use  
Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation

Personal protective equipment symbol(s)



### 8.4. Exposure limit values for the other components

No additional information available.

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

Physical state : Solid  
Appearance : metal  
Colour : Not available  
Odour : Not available  
Odour threshold : Not available  
Melting point : Not available  
Freezing point : Not available  
Boiling point : Not available  
Flammability (solid, gas) : Non flammable.  
Explosive limits : Not applicable  
Lower explosive limit (LEL) : Not applicable  
Upper explosive limit (UEL) : Not applicable  
Flash point : Not applicable  
Auto-ignition temperature : Not applicable  
Decomposition temperature : Not available  
pH : Not available  
pH solution : Not available  
Viscosity, kinematic (calculated value) (40 °C) : Not applicable  
Partition coefficient n-octanol/water (Log Kow) : Not available  
Vapour pressure : Not available  
Vapour pressure at 50 °C : Not available  
Density : Not available

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|                                  |                  |
|----------------------------------|------------------|
| Relative density                 | : Not available  |
| Relative vapour density at 20 °C | : Not applicable |
| Solubility                       | : Not available  |
| Particle size                    | : Not available  |
| Particle size distribution       | : Not available  |
| Particle shape                   | : Not available  |
| Particle aspect ratio            | : Not available  |
| Particle specific surface area   | : Not available  |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Zinc (7440-66-6)      |                          |
|-----------------------|--------------------------|
| LD50 oral rat         | > 2000 mg/kg bodyweight  |
| LC50 Inhalation - Rat | > 5410 mg/m <sup>3</sup> |
| Nickel (7440-02-0)    |                          |
| LD50 oral rat         | > 9000 mg/kg bodyweight  |
| LC50 Inhalation - Rat | ≥ 10,2 mg/l              |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified   |
| Serious eye damage/irritation     | : Not classified   |
| Respiratory or skin sensitisation | : May cause an allergic skin reaction.   |
| Germ cell mutagenicity            | : Not classified   |
| Carcinogenicity                   | : May cause cancer.  |
| Reproductive toxicity             | : May damage fertility or the unborn child. May cause harm to breast-fed children. |
| STOT-single exposure              | : Not classified   |
| STOT-repeated exposure            | : Causes damage to organs through prolonged or repeated exposure.                  |

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| Lead (7439-92-1)       |   |
|------------------------|---|
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Arsenic (7440-38-2)    |   |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Nickel (7440-02-0)     |   |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |
| Aspiration hazard      | : Not classified  |

## SECTION 12: Ecological information

### 12.1. Toxicity

|  |   |
|--|---|
| Hazardous to the aquatic environment, short-term (acute)                             | : Very toxic to aquatic life.                           |
| Classification procedure (Hazardous to the aquatic environment, short-term (acute))  | : Calculation method                                    |
| Hazardous to the aquatic environment, long-term (chronic)                            | : Very toxic to aquatic life with long lasting effects. |
| Classification procedure (Hazardous to the aquatic environment, long-term (chronic)) | : Calculation method                                    |

| Lead (7439-92-1)     |   |
|----------------------|---|
| LC50 - Fish [1]      | 0,44 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static])      |
| LC50 - Fish [2]      | 1,17 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through]) |
| EC50 - Crustacea [1] | 600 µg/l (Exposure time: 48 h - Species: water flea)                          |
| Copper (7440-50-8)   |   |
| LC50 - Fish [1]      | 0,0068 – 0,0156 mg/l (Exposure time: 96 h - Species: Pimephales promelas)     |
| LC50 - Fish [2]      | < 0,3 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])      |
| EC50 - Crustacea [1] | 0,03 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])             |
| EC50 72h - Algae [1] | 0,0426 – 0,0535 mg/l (Species: Pseudokirchneriella subcapitata [static])      |
| EC50 96h - Algae [1] | 0,031 – 0,054 mg/l (Species: Pseudokirchneriella subcapitata [static])        |
| Arsenic (7440-38-2)  |   |
| LC50 - Fish [1]      | 12,6 mg/l (Pimephales promelas)   |
| Zinc (7440-66-6)     |   |
| LC50 - Fish [1]      | 315 µg/l  |
| Nickel (7440-02-0)   |   |
| LC50 - Fish [1]      | 15,3 mg/l (Oncorhynchus mykiss)   |
| EC50 - Crustacea [1] | 87,5 µg/l (Ceriodaphnia dubia)  |
| NOEC chronic fish    | 0,124 mg/l  |

### 12.2. Persistence and degradability

| VSH Tectite Air               |                                      |
|-------------------------------|--------------------------------------|
| Persistence and degradability | No additional information available. |

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### 12.3. Bioaccumulative potential

#### VSH Tectite Air

|                           |                                      |
|---------------------------|--------------------------------------|
| Bioaccumulative potential | No additional information available. |
|---------------------------|--------------------------------------|

### 12.4. Mobility in soil

#### VSH Tectite Air

|                  |                                      |
|------------------|--------------------------------------|
| Mobility in soil | No additional information available. |
|------------------|--------------------------------------|

### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available.




## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with UN RTDG / IMDG / IATA

| UN RTDG   | IMDG  | IATA  |
|---|---|---|
| <b>14.1. UN number</b>  |   |   |
| Not regulated for transport   |   |   |
| <b>14.2. UN Proper Shipping Name</b>  |   |   |
| Not applicable  | Not applicable  | Not applicable  |
| <b>14.3. Transport hazard class(es)</b>   |   |   |
| Not applicable  | Not applicable  | Not applicable  |
|  |  |  |
| <b>14.4. Packing group</b>  |   |   |
| Not applicable  | Not applicable  | Not applicable  |
| <b>14.5. Environmental hazards</b>  |   |   |
| Dangerous for the environment : Yes   | Dangerous for the environment : Yes<br>Marine pollutant : Yes                       | Dangerous for the environment : Yes   |
| No supplementary information available.   |   |   |

### 14.6. Special precautions for user

#### UN RTDG

No data available.

#### IMDG

No data available.

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### IATA

No data available.

### 14.7. Transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available.

## SECTION 16: Other information

Issue date : 28/07/2021

Other information : REACH Disclaimer:  
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

### Full text of H-statements:

|      |  |
|------|--|
| H228 | Flammable solid  |
| H261 | In contact with water releases flammable gases                 |
| H301 | Toxic if swallowed   |
| H317 | May cause an allergic skin reaction                            |
| H331 | Toxic if inhaled   |
| H350 | May cause cancer   |
| H351 | Suspected of causing cancer                                    |
| H360 | May damage fertility or the unborn child                       |
| H362 | May cause harm to breast-fed children                          |
| H372 | Causes damage to organs through prolonged or repeated exposure |
| H400 | Very toxic to aquatic life                                     |
| H401 | Toxic to aquatic life  |
| H402 | Harmful to aquatic life  |
| H410 | Very toxic to aquatic life with long lasting effects           |
| H412 | Harmful to aquatic life with long lasting effects              |

Safety Data Sheet applicable for regions : NL - Netherlands

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