

SECTION 1: Identification

1.1. GHS Product identifier

Product form								: Article
Product name								: VSH Tectite Classic
45528	45576	45418H	45205	45178	45512	45676	45223	
45542H	45578H	45419	45210H	45194	45514	45678	45222	
45544	45661	45425	45212H	45196	45516	45710	45220	
45545H	45660	45426H	45223H	45197	45517	45717	45212	
45546	45701	45430H	45220H	45224	45518	45719	45210	
45535H	45662	45435H	45222H	45225	45520	45722	45209	
45537H	45663	45438H	45225H	45254	45522	45724	45207	
45538H	45666H	45251	45224H	45256	45524	45726	45206	
45539H	45667	45250	45141H	45257	45526	45736	45204	
45511	45813	45253	45142H	45265	45535	45737	45202	
45510	45812	45252	45143H	45266	45537	45746	45200	
45512H	45717H	45256H	45144	45267	45538	45786	45123	
45513	45718	45254H	45860	45286	45539	45820	45121	
45516H	45670H	45255	45862H	45288	45542	45823	45120	
45520H	45676H	45267H	45866H	45290	45545	45825	45118	
45524H	45730	45268	45870H	45292	45557	45840	45116	
45526H	45820H	45265H	45874H	45294	45560	45841	45114	
45591	45737H	45286H	45876H	45296	45561	45845	45112	
45593	45786H	45288H	45890	45349	45563	45846	45110	
45594	45678H	45294H	45891	45354	45564	45861	40759	
45596H	45822	45290H	45892H	45356	45569	45862	45114R	
45597	45746H	45292H	45894	45358	45578	45864	45121R	
45606H	45793	45296H	45895	45362	45596	45866	45138	
45607	45840H	45108	45631	45366	45600	45867	45269	
45614H	45845H	45109	45638H	45368	45606	45868	45363	
45615	45846H	45110H	45639	45418	45608	45870	45496R	
45620H	45156	45111	45646H	45424	45614	45872	45500R	
45622	45155	45114H	45647	45426	45620	45874	45516R	
45492H	45160	45115	45985	45430	45638	45876	45524R	
45496H	45159	45118H	45424H	45435	45640	45892	45666R	
45498H	45161	45121H	45141	45438	45646	45902	45676R	
45500H	45162	45123H	45142	45492	45648	45903	45820R	
45502H	45167H	45191	45143	45494	45650	45910		
45556	45172	45192	45157	45495	45654	45912		
45555	45178H	45196H	45163	45496	45664	45922		
45561H	45411	45194H	45165	45497	45666	45940		
45562	45410	45195	45167	45498	45668	45942		
45569H	45417	45206H	45171	45500	45670	45943		
45570	45416	45204H	45174	45502	45674	45944		

1.2. Other means of identification

Other means of identification : SCIP Number:054b35f0-c9aa-49ba-ba74-e8b35a8de72e

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

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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 - www.aalberts-ips.eu

1.5. Emergency phone number

Country	Official advisory body	Address	Emergency number	Remark
Netherlands	Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum 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 Postbus 85500 3508 GA Utrecht	+31 (0)88 755 8000	Only for the purpose of informing medical personnel in cases of acute intoxications

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 (brass) or CW626N (brass) or CW602N

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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	25 – 50	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Lead	CAS-No.: 7439-92-1	0.2 - 0.35	Carc. 2, H351 Repr. 1A, H360 Lact., H362 STOT RE 1, H372 Aquatic Acute 1, H400
Nickel	CAS-No.: 7440-02-0	< 1	Skin Sens. 1, H317 Carc. 2, H351 STOT RE 1, H372 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 3, H412
Arsenic	CAS-No.: 7440-38-2	0,01 – 0,25	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Carc. 1A, H350 Repr. 1A, H360 STOT RE 1, H372 Aquatic Acute 3, H402 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

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.
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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.
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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.
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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.

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.

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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
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.

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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 ³

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.

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])

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Copper (7440-50-8)	
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 Classic	
Persistence and degradability	No additional information available.

12.3. Bioaccumulative potential

VSH Tectite Classic	
Bioaccumulative potential	No additional information available.

12.4. Mobility in soil

VSH Tectite Classic	
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
14.1. UN number		
Not regulated for transport		
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable

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UN RTDG	IMDG	IATA
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment : Yes	Dangerous for the environment : Yes 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.

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

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Full text of H-statements:	
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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