
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: WELDING ELECTRODE CH 2 382
- Product Part Number: 233684 (3.2 x 350 mm)

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

- Use of the substance/mixture: Welding rod

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentszstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
-
- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
-
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
-
- International 24hrs Emergency NCEC: +44 1865 407333
- American Chemistry Council 24hrs +1 703 527 3887
- American 24hrs Emergency CHEMTREC (800) 424 9300
- Greece: Poisoning emergency center, +30 210 7793777
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

SECTION 2 Hazards identification**2.1 Classification of the substance or mixture**

- Not classified as hazardous for users

2.2 Label elements

- Not classified as hazardous for users
- Hazard phrases
Not applicable
- Precautionary Phrases
Not applicable

2.3 Other hazards

- Not a PBT according to REACH Annex XIII

SECTION 2 Hazards identification (....)

- Looking into the welding / brazing flame with incorrect or insufficient eye protection may cause arc-eye.
 - Inhalation of fumes formed during welding and or cutting may be harmful.
-

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Non-classified ingredients
 - Concentration: 100%
 - CAS Number: Not applicable
 - EC Number: Not applicable
 - R/H Phrases: Not applicable
 - Symbols: Not applicable
 - Categories: Not applicable
-

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with skin:
 - Burned skin must be flushed with large amounts of cold water.
 - Cover with a sterile bandage to prevent infection in burn sores.
 - Burns must be treated by a physician.
- Contact with eyes:
 - Irrigate eyes thoroughly whilst lifting eyelids
 - Seek immediate medical attention
- Inhalation:
 - Remove patient to fresh air

4.2 Most important symptoms and effects, both acute and delayed

- Looking into the welding / brazing flame with incorrect or insufficient eye protection may cause arc-eye.
- Inhalation of fumes formed during welding and or cutting may be harmful.

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
-

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is irritating

5.3 Advice for firefighters

- Wear Breathing Apparatus
-

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- No special precautions are required for this product

6.2 Environmental Precautions

SECTION 6 Accidental release measures (....)

- No special precautions are required for this product
- 6.3 Methods and material for containment and cleaning up
- Remove by mechanical means
- 6.4 Reference to other sections
- None
-

SECTION 7 Handling and storage

- 7.1 Precautions for safe handling
- Ensure adequate ventilation
 - Wear protective clothing as per section 8
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry place
 - Protect from moist air
- 7.3 Specific end use(s)
- Contact supplier for further information
-

SECTION 8 Exposure controls/personal protection

- 8.1 Control parameters
- TLV (TWA) 5 mg/m³ (Welding fumes)
- 8.2 Exposure controls
- If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
- 8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (leather are recommended)
 - Wear suitable filter lenses when welding / cutting.
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
-

SECTION 9 Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Odour: Odourless
 - Appearance: Welding electrode, black, insoluble in water
 - pH - not applicable
 - Boiling point - not applicable
 - Vapour pressure - not applicable
 - Vapour density - not applicable
 - Melting point 420 - 820 °C to 760 °C
 - Insoluble in water
 - Density ~7.5 g/cm³
- 9.2 Other information
- No information available

SECTION 10 Stability and reactivity

10.1 Reactivity

- Not applicable

10.2 Chemical stability

- Not applicable

10.3 Possibility of hazardous reactions

- Not applicable

10.4 Conditions to avoid

- Not applicable

10.5 Incompatible materials

- Not applicable

10.6 Hazardous Decomposition Products

- Decomposition products may include toxic and irritant fumes
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- Not applicable

11.2 Contact with eyes

- See Section 4

11.3 Contact with skin

- See Section 4

11.4 Ingestion

- Not regarded as a potential route of exposure.

11.5 Inhalation

- Inhalation of fumes formed during welding and or cutting may be harmful.
-

SECTION 12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- Sinks in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.
-

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- No special requirements

13.2 Classification

SECTION 13 Disposal considerations (....)

- EU Waste class: -
-

SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Not classified as hazardous for transport

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not Classified

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
 - DOT Proper Shipping Name: Not applicable
 - DOT Labels: Not applicable
 - Product RQ (lbs): Not applicable
-

SECTION 15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

15.2 Chemical Safety Assessment

- None
-

SECTION 16 Other information

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

Wilhelmsen Ships Service Level 17, 636 St Kilda Road Melbourne Vic 3004 AUSTRALIA

Tel: +61 3 9630 0900 Emergency 24hrs: +61 3 9630 0998

Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States Telephone daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United States Tel (+1) 562 624 8888 Fax (+1) 562 624 1011

Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft Pennsylvania United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States Telephone daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

Wilhelmsen Ships Service Ltd. Unit 3A NewtonsCourt Crossways DA2 6QL Dartford, Kent United Kingdom Tel (+44) 1322 282 412 Fax (+44) 1322 284 774

Wilhelmsen Ships Service Ltda Rua Bispo Lacerda nos.61/67 Del Catilho BR 21051120 Rio de Janeiro Brazil Tel (+55) 21 25 82 8000 Fax (+55) 21 25 82 8001

Wilhelmsen Ships Service (S) Pte Ltd 186 Pandan Loop Singapore 128376 Tel (+65) 6395 4545

Wilhelmsen Ships Service Co., Ltd 12-31 Torihama-cho Kanazawa-ku Yokohama-shi JP-236 0002, Japan Tel (+81) 45 775 0012 Fax (+81) 45 775 0070

Wilhelmsen Ships Service Hellas SA 100, D. Moutsopoulou & Serifou str GR-185 41 Piraeus Greece

Tel (+ 30) 210 4239100 Fax (+ 30) 210 4212480

Wilhelmsen Ships Service AS U.A.E . FI 24 Executive Heights, Tecom C Sheikh Zayed Road (East) Dubai United Arab Emirates Tel (+971) 4 382 3888

Wilhelmsen Ships Service AS, Willem Barentszstraat 50 3165 AB Rotterdam-Albrandswaard, the Netherlands. Tel (+31) 10 4877 777

