

## SAFETY DATA SHEET

## 1 Identification of the substance or preparation and of the company/undertaking

Product Name: **ZINC COAT**  
 Datasheet Number: 575480 4. 0. 0  
 Use of the substance/preparation: Flame spraying powder  
 Name of Supplier: Wilhelmsen Ships Service AS  
 Address of Supplier: Willem Barentszstraat 50  
 3165AB  
 Rotterdam  
 The Neherlands  
 Telephone: +31 10 4877 777  
 Fax: +31 10 4877 888  
 Responsible Person: Patrick Rijsdijk, Product HSE Manager, Tel.: +31 6 349 440 35  
 Email: Patrick.Rijsdijk@Wilhelmsen.com  
 Name of Manufacturer: Wilhelmsen Ships Service AS  
 Address of Manufacturer: Strandveien 20  
 P.O.Box 33  
 NO-1324 LYSAKER  
 Norway  
 Busines Unit Maintenance & Repair  
 Telephone: +47 67 584550  
 Emergency Telephone: **\*\*ONLY TO BE USED IN CASE OF AN INCIDENT\*\***  
 NCEC: +44 1865 407333, CHEMTREC (800) 424 9300  
 American Chemistry Council +1 703 527 3887,  
 Greece +30 210 7793777

## 2 Hazards identification

- Odour: Odourless
- Appearance: powder, grey, insoluble in water
- Contact with eyes: Causes redness and irritation
- Contact with skin: In cases of severe exposure, irritation may develop
- Inhalation: Inhalation of fumes formed during welding and or cutting may be harmful.

## 3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Zinc Powder (pyrophoric)	>60%	7440-66-6	231-175-3	15, 17, 50, 53	F, N
Non classified ingredients	>40	-	-	-	-

\*See Section 16

## 4 First aid measures

Contact with skin

- After contact with skin, wash immediately with plenty of soap and water (S28)
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- In the event of burns from the molten liquid, do not attempt to remove adhering material
- Burned skin must be flushed with large amounts of cold water.
- Burns must be treated by a physician.

#### 4 First aid measures (....)

##### Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice if necessary

##### Ingestion

- Give water or milk to drink
- Never make an unconscious person vomit or drink fluids
- Seek medical attention if ill effects occur

##### Inhalation

- Inhalation is unlikely to occur
- Remove patient to fresh air
- Seek medical advice if necessary

##### General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
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#### 5 Fire-fighting measures

- Wear Positive-Pressure Breathing Apparatus
  - Do not use carbon dioxide
  - Do not use water or foam
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#### 6 Accidental release measures

##### Personal Precautions

- Wear protective clothing as per section 8

##### Environmental Precautions

- Do not flush spilt material into any public water system
- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)

##### Clean Up Actions

- Use vacuum cleaner to collect spilled material
  - To clean the floor and all objects contaminated by this material use water (S40)
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#### 7 Handling and storage

##### Handling

- No special precautions are required for this product

##### Storage

- No special precautions are required for this product
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#### 8 Exposure controls and personal protection

##### Exposure Limits

- No exposure limits have been set for this substance

##### Exposure controls

- If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits

##### Occupational exposure controls

- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
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## 8 Exposure controls and personal protection (....)

Wear suitable protective clothing, including eye/face protection and gloves (leather are recommended)



Gloves



Suit



Goggles



No Smoking

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## 9 Physical and chemical properties

- Odour: Odourless
- Appearance: powder, grey, insoluble in water
- pH - not applicable
- Boiling point ~ 900 °C
- Melting point ~ 420 °C at 760 mm /Hg
- Water solubility <1 g/l
- Density 7000 kg/m<sup>3</sup>

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## 10 Stability and reactivity

- No hazardous decomposition products known, This article is considered stable under normal conditions
- Avoid contact with acids and alkalis, Keep away from moist air or water

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## 11 Toxicological information

Toxicological information

- No experimental data available

Inhalation

- May cause irritation

Contact with skin

- In cases of severe exposure, redness and irritation may develop

Contact with eyes

- May cause irritation

Ingestion

- Not regarded as a potential route of exposure.
- May cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects

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## 12 Ecological information

Ecotoxicity

- This product contains components which are classified in the EU as dangerous for the environment.
- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R50/53)

Mobility

- Sinks in water

Persistence and Biodegradability

- No information available

## 12 Ecological information (....)

Bioaccumulation Potential

- Bioaccumulation is significant

Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
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## 13 Disposal considerations

Classification

- EU Waste class: -

Disposal considerations

- Disposal should be in accordance with local, state or national legislation
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## 14 Transport information

Transport information

- Not classified as hazardous for transport
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## 15 Regulatory information

Risk Phrases

- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R50/53)

Safety Phrases

- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)
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## 16 Other information

Text of R and S phrase codes used in this safety data sheet:- R15: Contact with water liberates extremely flammable gases; R17: Spontaneously flammable in air; R50: Very toxic to aquatic organisms; R53: May cause long term adverse effects in the aquatic environment.