

SAFETY DATA SHEET

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

Product Name: LEAK STOP
Datasheet Number: 630384 2. 0. 0
Use of the substance/preparation: Polymer repair system
Product Part Number: 630384, Leak Stop I, 50 x 1200 mm
 606006, Leak Stop II, 50 x 3600 mm
 630384 Leakstop I, 606006 Leakstop II, 630392, Leak Stop III
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 Maritime Services AS, Business Unit Maintenance & Repair,
Address of Manufacturer: Strandveien 20
 P.O.Box 33
 NO-1324 LYSAKER
 Norway
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: Characteristic odour
- Appearance: Knitted tape, black, insoluble in water
- Contact with eyes: Causes redness and irritation, Can cause damage to the eyes
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: May cause sensitisation by inhalation (R42), Inhalation of diisocyanate vapours in significant doses may cause coughing , asthmatic wheezing and shortness of breath.
- Ingestion: Not regarded as a potential route of exposure.



Harmful

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Diphenylmethane-4,4'-di-isocyanate	5-10	101-68-8	202-966-0	20, 36/37/38, 42	Xn
Diphenylmethane diisocyanate polymer	35-40	9048-57-1	500-028-8	20, 36/37/38, 42	Xn

3 Composition/information on ingredients (....)

*See Section 16

4 First aid measures

Contact with skin

- After contact with skin, wash immediately with plenty of soap and water (S28)
- Seek medical attention if irritation persists

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- When in doubt or symptoms persist, seek medical attention

Ingestion

- Do not induce vomiting
- Give plenty of water to drink
- Never make an unconscious person vomit or drink fluids
- Obtain immediate medical attention

Inhalation

- Inhalation is unlikely to occur
- Remove patient to fresh air
- When in doubt or symptoms persist, seek medical attention

General

- If you feel unwell, seek medical advice (show the label where possible) (S44)
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5 Fire-fighting measures

- Combustible solid, Flash point > 105 deg C (CC)
 - Nitrogen and carbon oxides may be formed
 - In case of fire use water, alcohol resistant foam, carbon dioxide or dry agent (S43)
 - Smoke from fires is toxic. Take precautions to protect personnel from exposure
-

6 Accidental release measures

Personal Precautions

- No special precautions are required for this product
- Wear protective clothing as per section 8

Environmental Precautions

- No special precautions are required for this product

Clean Up Actions

- Collect as much as possible in clean container for reuse or disposal
-

7 Handling and storage

Handling

- Persons with chronic respiratory conditions such as bronchitis, hay fever or asthma should not work with the product.
- Avoid contact with skin and eyes (S24/25)

Storage

- Store between 5 and 40 °C
 - Keep container tightly closed, in a cool, well ventilated place (S3/7/9)
-

8 Exposure controls and personal protection

Exposure Limits

- TLV (TWA) 0.02 mg/m³ (Diphenylmethane diisocyanate)

Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Wear plastic or rubber gloves



Gloves

No Smoking

9 Physical and chemical properties

- Odour: Characteristic odour
 - Appearance: Knitted tape, black, insoluble in water
 - pH - not applicable
 - Boiling point - not applicable
 - Gels in water
 - Specific gravity - not known
 - Combustible solid, Flash point > 105 deg C (CC)
-

10 Stability and reactivity

- Reacts with water, No hazardous reactions known if used for its intended purpose
 - See Section 5
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11 Toxicological information

Toxicological information

- LD50 (oral, rat) >5000 mg/kg
- LD50 (dermal) : >2000 mg/kg

Inhalation

- May cause sensitisation by inhalation (R42)
- May cause coughing
- Can cause damage to the respiratory system

Contact with skin

- May cause redness and irritation
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

Contact with eyes

- May cause severe irritation
- Can cause damage to the eyes

Ingestion

- Not regarded as a potential route of exposure.

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

Ecotoxicity

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

Mobility

- Sinks in water

Persistence and Biodegradability

- Not readily biodegradable

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

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.
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13 Disposal considerations

Classification

- EU Waste class: -

Disposal considerations

- This material and its container must be disposed of in a safe way (S35)
 - 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



Harmful

Risk Phrases

- Harmful by inhalation (R20)
- Irritating to eyes, respiratory system and skin (R36/37/38)
- May cause sensitisation by inhalation (R42)

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
 - In case of insufficient ventilation, wear suitable respiratory equipment (S38)
 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
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16 Other information

Text of R and S phrase codes used in this safety data sheet:- R20: Harmful by inhalation; R36/37/38: Irritating to eyes, respiratory system and skin; R42: May cause sensitisation by inhalation.

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

16 Other information (....)

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 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

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)