

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.08.2013

Revision: 01.08.2013

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

- **Product details**
- **Trade name:** **Welding rod Artoweld and Marmoweld**
- **Application of the substance / preparation** *Thermoplastic sealant between linoleum sheats*
- **Manufacturer/Supplier:**
*Forbo Flooring B.V.
 Industrieweg 12
 NL-1566 JP Assendelft Holland
 Tel. + 31 75 6477477 Fax +31 75 6477700
 E-mailaddress: info@forbo.com*
- *Website: www.forbo-flooring.com*
- **Information in case of emergency:** *Tel. +31 75-6477477*

2 Hazards identification

- **Hazard description:** *Not applicable.*
- **Information concerning particular hazards for persons and the environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** *Binding agent with colouring agents*
- **Dangerous components:** *Void*

4 First-aid measures

- **General information:** *No special measures required.*
- **After inhalation:** *Not applicable.*
- **After skin contact:** *After contact with the molten product, cool rapidly with cold water.*
- **After swallowing:** *Seek medical treatment.*

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:** *Not required.*

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- **Measures for environmental protection:** *No special measures required.*
- **Measures for cleaning/collecting:** *Pick up mechanically, dry vacuum powder.*
- **Additional information:** *No dangerous substances are released.*

7 Handling and storage

- **Handling:**
- **Information for safe handling:** *No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**

Recommended storage temperature between 15 and 25 °C.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** *The lists valid during manufacture were used as basis.*
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**
*When the recommended temperature adjustment of the welding tool will be observed no components will be released which makes personal protection equipment necessary.
Take care of sufficient ventilation when applying the welding rod.*
- **Protection of hands:** *Not required.*
- **Material of gloves:** *Not applicable.*
- **Penetration time of glove material:** *Not applicable.*

9 Physical and chemical properties

· General Information

Form:	<i>Rope</i>
Colour:	<i>Different according to colouring</i>
Odour:	<i>Weak, characteristic</i>

· Change in condition

Melting point/Melting range: *110 °C*
Boiling point/Boiling range: *Undetermined.*

· **Flash point:** *Not determined.*

· **Self-igniting:** *Product is not self-igniting.*

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· Danger of explosion:	<i>Product does not present an explosion hazard.</i>
· Density at 20°C:	<i>0.95 g/cm³</i>
· Solubility in / Miscibility with water:	<i>Not soluble and miscible.</i>
· Solvent content: Organic solvents:	<i>0.0 %</i>
· Solids content:	<i>100.0 %</i>

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous decomposition products:** *No dangerous decomposition products known.*

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

12 Ecological information

- **General notes:** *Generally not hazardous for water*

13 Disposal considerations

- **Product:**
- **Recommendation** *Smaller quantities can be disposed of with household waste.*
- **Uncleaned packaging:**
- **Recommendation:** *Disposal must be made according to official regulations.*

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

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· Maritime transport IMDG:

- **IMDG Class:** -
- **Marine pollutant:** *No*

· Air transport ICAO-TI and IATA-DGR:

- **ICAO/IATA Class:** -

· **Transport/Additional information:** *Not classified as hazardous under transport regulations.*

15 Regulatory information

· Labelling according to EU guidelines:

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· National regulations:

· **Waterhazard class:** *Generally not hazardous for water.*

· Other regulations, limitations and prohibitive regulations

· **Substances of very high concern (SVHC) according to REACH, Article 57**

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** *Forbo Flooring Marketing*

· **Contact:** *Productmanagement*