

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.02.2016

Version number 2

Revision: 01.02.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- Trade name: **Welding rod Marmoweld**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / preparation** *Thermoplastic sealant between linoleum sheats*
- **1.3 Details of the supplier of the safety data sheet**
- **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*
- **1.4 Emergency telephone number:** +31 75-6477477

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** *Binding agent with colouring agents*
- **Dangerous components:** *Void*

SECTION 4: First aid measures

- **4.1 Description of 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.*
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.

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- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** *Not required.*
- **6.2 Environmental precautions:** *No special measures required.*
- **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically, dry vacuum powder.
- **6.4 Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** *No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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.
- **7.3 Specific end use(s)** *No further relevant information available.*

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **8.1 Control parameters**
- **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.*
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.

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- **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.

The exact break through time has to be established by the manufacturer of the protective gloves and has to be observed.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: *Rope*
Colour: *Different according to colouring*

- **Odour:** *Weak, characteristic*

- **Odour threshold:** *Not determined.*

- **pH-value:** *Not applicable.*

- **Change in condition**

Melting point/Melting range: *110 °C*

Boiling point/Boiling range: *Undetermined.*

- **Flash point:** *Not determined.*

- **Flammability (solid, gaseous):** *Not determined.*

- **Ignition temperature:**

Decomposition temperature: *Not determined.*

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

- **Danger of explosion:** *Product does not present an explosion hazard.*

- **Explosion limits:**

Lower: *Not determined.*

Upper: *Not determined.*

- **Vapour pressure:** *Not applicable.*

- **Density at 20 °C:** *0,95 g/cm³*

- **Relative density** *Not determined.*

- **Vapour density** *Not applicable.*

- **Evaporation rate** *Not applicable.*

- **Solubility in / Miscibility with water:**

Not soluble and miscible.

- **Partition coefficient (n-octanol/water):** *Not determined.*

- **Viscosity:**

Dynamic: *Not applicable.*

Kinematic: *Not applicable.*

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· Solvent content:	
Organic solvents:	0,0 %
· Solids content:	100,0 %
· 9.2 Other information	<i>No further relevant information available.</i>

SECTION 10: Stability and reactivity

- **10.1 Reactivity** *No further relevant information available.*
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** *No dangerous reactions known.*
- **10.4 Conditions to avoid** *No further relevant information available.*
- **10.5 Incompatible materials:** *No further relevant information available.*
- **10.6 Hazardous decomposition products:** *No dangerous decomposition products known.*

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** *Based on available data, the classification criteria are not met.*
- **Primary irritant effect:**
- **Skin corrosion/irritation** *Based on available data, the classification criteria are not met.*
- **Serious eye damage/irritation** *Based on available data, the classification criteria are not met.*
- **Respiratory or skin sensitisation** *Based on available data, the classification criteria are not met.*
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** *Based on available data, the classification criteria are not met.*
- **Carcinogenicity** *Based on available data, the classification criteria are not met.*
- **Reproductive toxicity** *Based on available data, the classification criteria are not met.*
- **STOT-single exposure** *Based on available data, the classification criteria are not met.*
- **STOT-repeated exposure** *Based on available data, the classification criteria are not met.*
- **Aspiration hazard** *Based on available data, the classification criteria are not met.*

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** *No further relevant information available.*
- **12.2 Persistence and degradability** *No further relevant information available.*
- **12.3 Bioaccumulative potential** *No further relevant information available.*
- **12.4 Mobility in soil** *No further relevant information available.*
- **Additional ecological information:**
- **General notes:** *Generally not hazardous for water*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

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SECTION 13: Disposal considerations

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

SECTION 14: Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	<i>Void</i>
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	<i>Void</i>
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	<i>Void</i>
· 14.4 Packing group	
· ADR, IMDG, IATA	<i>Void</i>
· 14.5 Environmental hazards:	
· Marine pollutant:	<i>No</i>
· 14.6 Special precautions for user	<i>Not applicable.</i>
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	<i>Not applicable.</i>
· Transport/Additional information:	<i>Not classified as hazardous under transport regulations.</i>
· UN "Model Regulation":	<i>Void</i>

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **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**
- None of the ingredients is listed.*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

SECTION 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.

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

· **Contact:** Productmanagement

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

· * **Data compared to the previous version altered.**

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