

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

Printing date 03.06.2016

Version number 1

Revision: 03.06.2016

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

· **1.1 Product identifier**

· Trade name: **140-A Euromix PU component A**

· Article number: 140-A

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

*No further relevant information available.*

· **Application of the substance / preparation** *Flooring adhesive*

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

*Forbo Eurocol Nederland B.V.*

*Industrieweg 1-2*

*NL-1521 NA Wormerveer Holland*

*Tel. +31 75 6271600 - Fax +31 75 6283564*

*E-mail address: info.eurocol@forbo.com*

*Website: www.eurocol.com*

· **1.4 Emergency telephone number:**

*In case of emergency please contact the Dutch National Poison Control, telephone number: 0031-(0)30-2748888. (This number is only accessible to the physician treating the patient and only in case of accidental poisoning).*

**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:** *Polyol with fillers*

· **Dangerous components:** *Void*

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### SECTION 4: First aid measures

#### · 4.1 Description of first aid measures

- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Wash with water and soap.*
- **After eye contact:**  
*Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.*
- **After swallowing:** *Do not induce vomiting; call for medical help immediately.*

#### · 4.2 Most important symptoms and effects, both acute and delayed

*No further relevant information available.*

#### · 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:

*CO<sub>2</sub>, powder or water haze. Fight larger fire with alcohol resistant foam.*

##### · For safety reasons unsuitable extinguishing agents: *Water with full jet*

#### · 5.2 Special hazards arising from the substance or mixture

*Formation of toxic gases is possible during heating or in case of fire.*

#### · 5.3 Advice for firefighters

##### · Protective equipment: *Wear self-contained respiratory protective device.*

##### · Additional information

*Collect contaminated fire fighting water separately. It must not enter the sewage system.*

### SECTION 6: Accidental release measures

#### · 6.1 Personal precautions, protective equipment and emergency procedures

*Ensure adequate ventilation*

#### · 6.2 Environmental precautions: *Do not allow to enter sewers/ surface or ground water.*

#### · 6.3 Methods and material for containment and cleaning up:

*Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

*Collect product in waste container. Rinse floor with water.*

#### · 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:

*Store in a cool, but frost-proof location.*

*Prevent any seepage into the ground.*

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- **Information about storage in one common storage facility:** *Store away from foodstuffs.*
- **Further information about storage conditions:**  
*Recommended storage temperature between 15 and 25 °C.*  
*Protect from heat and direct sunlight.*  
*Store in cool, dry conditions in well sealed packaging.*
- **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.*  
*Keep away from foodstuffs, beverages and feed.*  
*Wash hands before breaks and at the end of work.*
- **Respiratory protection:** *Not necessary if room is well-ventilated.*
- **Protection of hands:**



*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

*Selection of the glove material is dependant on the penetration times, rates of diffusion and degradation.*

- **Material of gloves**  
*The selection of suitable gloves does not only depend on the material, but also on further aspects of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*
- **Penetration time of glove material**  
*The exact break through time has to be established by the manufacturer of the protective gloves and has to be observed.*
- **For prolonged contact gloves made of the following materials are suitable:** *Butyl rubber*
- **Eye protection:** *Goggles recommended during refilling*
- **Body protection:** *Protective work clothing*

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	<i>Paste</i>
<b>Colour:</b>	<i>Beige</i>
<b>Odour:</b>	<i>Characteristic</i>

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· pH-value:	Not applicable.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	290 °C (DIN 53171)
· Flash point:	255 °C (DIN 53213)
· Ignition temperature:	370 °C (DIN 51794)
· Self-igniting:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Vapour pressure at 20 °C:	1 hPa (DIN 51640)
· Density at 20 °C:	1,9 g/cm <sup>3</sup> (DIN 51757)
· Solubility in / Miscibility with water:	Insoluble.
· Viscosity:	
Dynamic at 20 °C:	600000 mPas (Brookfield)
· Solvent content:	
Organic solvents:	0,0 %
Solids content:	100,0 % (ISO 3251)
· 9.2 Other information	No further relevant information available.

### 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 Reacts with strong acids and oxidising agents.
- 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.

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· **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:***Do not allow product to reach ground water, water course or sewage system, even in small quantities.**Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.**Water hazard class 1 (German Regulation) (Self-assessment): slightly 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.*

### SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**· **Recommendation** *Must be treated specially according to official regulations.*· **European waste catalogue***08 00 00 Waste paint and varnish containing organic solvents or other hazardous substances**08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09*· **Uncleaned packaging:**· **Recommendation:** *Disposal must be made according to official regulations.*

### SECTION 14: Transport information

· **14.1 UN-Number**· **ADR, ADN, IMDG, IATA** *Void*· **14.2 UN proper shipping name**· **ADR, ADN, IMDG, IATA** *Void*· **14.3 Transport hazard class(es)**· **ADR, ADN, IMDG, IATA**· **Class** *Void*· **14.4 Packing group**· **ADR, IMDG, IATA** *Void*· **14.5 Environmental hazards:**· **Marine pollutant:** *No*· **14.6 Special precautions for user** *Not applicable.*

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· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	<i>Not applicable.</i>
· <b>Transport/Additional information:</b>	<i>Not classified as hazardous under transport regulations.</i>
· <b>UN "Model Regulation":</b>	<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:** *Water hazard class 1 (Self-assessment): slightly 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.*

- **Department issuing MSDS:** *R&D department*
- **Contact:** *Ing. T.W. Breeuwer*
- **Abbreviations and acronyms:**
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*
  - IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*
  - ICAO: International Civil Aviation Organisation*
  - ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)*
  - 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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