# SAFETY DATA SHEET

with reference to 91/155/EEC

**Arma-Chek D**

revised 04.08.2005, replaces version 24.02.2005

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>Arma-Chek D</th>
</tr>
</thead>
<tbody>
<tr>
<td>USE OF THE SUBSTANCE</td>
<td>Cladding for tubes and plates of Armaflex</td>
</tr>
</tbody>
</table>
| MANUFACTURER /DISTRIBUTOR | Armacell GmbH  
Robert-Bosch-Straße 10, D-48153 Münster  
Tel: +49 (0)251 - 7603 - 200  
Fax: +49 (0)251 - 7603 - 561  
www.armacell.com |

**EMERGENCY INFORMATION**

No additional information is required. There are no potential hazards if product is used according to instructions.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

**NAME**

Polymer coated fiber glass clothing

## 3. HAZARDS IDENTIFICATION

**HAZARD DESIGNATION**

This product does not require labelling in terms of preparation guideline 1999/45/EC.

## 4. FIRST-AID MEASURES

<table>
<thead>
<tr>
<th>ON INHALATION</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>ON CONTACT WITH SKIN</td>
<td>Not applicable</td>
</tr>
<tr>
<td>ON CONTACT WITH THE EYES</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IF SWALLOWED</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

## 5. FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA**

Carbon dioxide, Dry powder or water mist
### Special Exposure Hazards Arising from the Preparation

Fire gases, do not breathe. Emits toxic fumes under fire conditions: carbon dioxide, carbon monoxide and other decomposition products because of incomplete incineration. In the case of fire wear self-contained breathing apparatus.

### 6. Accidental Release Measure

**Personal Precautions**
- No special measures

**Environmental Precautions**
- No precautions

**Methods for Cleaning Up / Taking Up**
- Pick up and disposed

### 7. Handling and Storage

**Hints for Safe Handling**
- Provide for a good ventilation and exhaust. Withdrawing fibers can cause irritations. Avoid contact with the skin. During formation of dust provide for exhaust.

**Hints for Protection Against Fire and Explosion**
- Avoid open fire

**Hints for Separation of Incompatible Products**
- Store the foodstuffs separately.

**Further Information on Storage Conditions**
- Store dry.

### 8. Exposure Limitation and Personal Protective Equipment

**Additional Information on Engineering Measures**
- Material does not contain fibers under 3 \( \mu \text{m} \) of diameters.

**General Health Measures**
- The usual precautionary measures for the handling of chemicals have to be observed. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Immediately remove all contaminated clothing. Avoid contact with skin and eyes.

**Respiratory Protection**
- Avoid fiber dust and dust formation.

**Hand Protection**
- Protective gloves recommended.

**Eye Protection**
- Safety glasses recommended.
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9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPEARANCE</td>
<td>solid</td>
</tr>
<tr>
<td>COLOUR</td>
<td>black</td>
</tr>
<tr>
<td>ODORUR</td>
<td>characteristic</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>not applicable</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>not applicable</td>
</tr>
<tr>
<td>FLASH POINT</td>
<td>not applicable</td>
</tr>
<tr>
<td>LOWER EXPLOSION LIMIT</td>
<td>not applicable</td>
</tr>
<tr>
<td>UPPER EXPLOSION LIMIT</td>
<td>not applicable</td>
</tr>
<tr>
<td>DENSITY AT 20 °C</td>
<td>2.1 kg/m³</td>
</tr>
<tr>
<td>WATER SOLUBILITY (20 °C)</td>
<td>not soluble</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>None if handled according to order</td>
</tr>
<tr>
<td>HAZARDOUS REACTION</td>
<td>No dangerous reactions known</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION PRODUCTS</td>
<td>No dangerous decomposition products during appropriate storage and handling</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Experience</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPERIENCE MADE IN PRACTICE</td>
<td>When handled and used properly no effects deleterious to health are know.</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Additional ecological information</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDITIONAL ECOLOGICAL INFORMATION</td>
<td>The product is classified not hazardous to waters</td>
</tr>
</tbody>
</table>
13. DISPOSAL CONSIDERATIONS

DISPOSAL PRODUCT
Should be disposed of in accordance with the local regulations.

LIST OF PROPOSED WASTE CODES
European Waste Catalogue: 10 11 03: waste glass-based fibrous materials

IN ACCORDANCE WITH EWC

DISPOSAL PACKAGES
Contaminated packaging must be emptied of all residues. Packaging with traces of cured product may be sent to a recycling plant. Packaging with uncured product must be disposed of in the same manner as the medium.

14. TRANSPORT INFORMATION

No hazardous material as defined by the transport regulations (ADR/RID, IMDG-Code, ICAO-TI/IATA-DGR).

15. REGULATORY INFORMATION

This product does not require labelling in terms of preparation guideline 1999/45/EC.

16. OTHER INFORMATION

The data in this safety data sheet correspond to our current level of knowledge and are sufficient for national and EU laws. However, we have no knowledge of or control over the working conditions.

The data in this safety data sheet describe the safety requirements of our product and may not be considered to guarantee any product properties.

TECHNICAL CONTACT POINT
Dr. Dirk Seiling
Quality, Safety, Environment
Tel: +49 (0)251 - 7603 - 664
Fax: +49 (0)251 - 7631 - 664
dirk.seiling@armacell.com