

## SAFETY DATA SHEET

with reference to 91/155/EEC

### Arma-Chek D

revised 23.03.2007, replaces version 23.11.2006

Changes compared to the last version are marked as follows: (\*)

REGISTER: D 3142

STATUS: 23.03.2007

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#### 1. IDENTIFICATION OF THE SUBSTANCES / PREPARATION AND OF THE COMPANY

PRODUCT NAME	Arma-Chek D
USE OF THE SUBSTANCE	Cladding for tubes and plates of Armaflex
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	Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie (Giftnotruf Berlin) Tel: +49 (0)30 - 19240 www.giftnotruf.de

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION	Polymer coated fiber glass clothing
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#### 3. HAZARDS IDENTIFICATION

HAZARD DESIGNATION	This product does not require labelling in terms of preparation guideline 1999/45/EC.
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#### 4. FIRST-AID MEASURES

ON INHALATION	Not applicable
ON CONTACT WITH SKIN	Not applicable
ON CONTACT WITH THE EYES	Not applicable
IF SWALLOWED	Not applicable

#### 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Carbon dioxide, Dry powder or water mist
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#### 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 µm 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.

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EYE PROTECTION Safety glasses recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	solid
COLOUR	black
ODOUR	characteristic
MELTING POINT	not applicable
BOILING POINT	not applicable
FLASH POINT	not applicable
LOWER EXPLOSION LIMIT	not applicable
UPPER EXPLOSION LIMIT	not applicable
DENSITY AT 20 °C	2.1 kg/m <sup>3</sup>
WATER SOLUBILITY (20 °C)	not soluble

## 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID	None if handled according to order
HAZARDOUS REACTION	No dangerous reactions known
HAZARDOUS DECOMPOSITION PRODUCTS	No dangerous decomposition products during appropriate storage and handling

## 11. TOXICOLOGICAL INFORMATION

EXPERIENCE MADE IN PRACTICE When handled and used properly no effects deleterious to health are know.

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#### 12. ECOLOGICAL INFORMATION

**ADDITIONAL ECOLOGICAL INFORMATION** The product is classified not hazardous to waters

#### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL PRODUCT (\*)** Dispose waste according to applicable local, state and federal regulations .

**LIST OF PROPOSED WASTE CODES IN ACCORDANCE WITH EWC (\*)** European Waste Catalogue:  
10 11 03 (waste glass-based fibrous materials )  
Please note: The classification of waste for this product may change according to the field of application. Please observe Decision 2001/118/EC.

**DISPOSAL PACKAGES (\*)** Normal disposal path for cardboard packaging.

#### 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.

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