

## SAFETY DATA SHEET

with reference to 91/155/EEC

REG.-NR. D 2603  
STATUS: 23.02.01  
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**Armaduct**                      **NO HAZARDOUS GOODS**

### 1\* MATERIAL/PREPARATION AND COMPANY NAME

**TRADE NAME:** Armaduct

**USE:** Insulation Of piping / ducts in air-conditioning technology and ventilation engineering

**MANUFACTURER/SUPPLIER\*:** Armacell GmbH  
Robert-Bosch-Str. 10, D-48153 Münster  
PO Box 11 80, D-48001 Münster  
Phone: 02 51-76 03-0  
Fax: 02 51-76 03-346

**INFORMING DIVISION:** Area raw material and environmental process IPO

**EMERGENCY INFORMATION:** No additional information is required. There is no potential hazardous if product is used according to instructions.

### 2 COMPOSITION/DETAILS OF CONSTITUENTS

#### CHEMICAL CHARACTERISATION

**DESCRIPTION:** Elastomeric foam based on synthetic rubber

**HAZARDOUS CONTENTS:** None

### 3 POSSIBLE HAZARDS

None

### 4 FIRST AID MEASURES

**AFTER INHALATION:** Not applicable

**AFTER SKIN CONTACT:** Not necessary

**AFTER EYE CONTACT:** Not necessary

**AFTER SWALLOWING:** If possible, make patient vomit.

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### 5 FIRE FIGHTING MEASURES

SUITABLE QUENCHING AGENT: Unrestricted

QUENCHING AGENT UNSUITABLE  
FOR SAFETY REASONS: Not applicable

SPECIAL SAFETY EQUIPMENT: In the case of fire wear respirator independent from surrounding air.

S-SETS: S-41 fire gases, do not breathe.

### 6 WHAT TO DO IF ACCIDENTALLY RELEASED

PERSONAL SAFETY MEASURES: Not necessary

ENVIRONMENTAL PROTECTION  
MEASURES: Not necessary

CLEANING/ABSORPTION  
PROCEDURE: Not applicable

### 7 HANDLING AND STORAGE

HANDLING  
TIPS FOR SAFE WORKING: No special measures

TIPS FOR FIRE AND EXPLOSION  
PROTECTION: No special measures

REQUIREMENTS ON STORAGE ROOMS  
AND CONTAINERS: Can be stored in clean, dry rooms under normal conditions with respect to humidity (50% - 70%) and surrounding temperature (0°C - 35°C).

JOINT STORAGE DETAILS: No special measures

FURTHER INFORMATION ON  
STORAGE CONDITIONS: Tape, self-adhesive: 2 years; self-adhesive sheets: 1 year  
VBF-CLASS: Not applicable

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### 8 EXPOSURE RESTRICTIONS AND PERSONAL SAFETY EQUIPMENT

#### ADDITIONAL INFORMATION ON THE DESIGN

OF TECHNICAL SYSTEMS: Not applicable

#### PERSONAL SAFETY

EQUIPMENT: Not necessary

#### GENERAL SAFETY AND HYGIENE

MEASURES: No special measures

RESPIRATORY EQUIPMENT: Not necessary

HAND PROTECTION: Not necessary

EYE PROTECTION: Not necessary

### 9\* PHYSICAL AND CHEMICAL PROPERTIES

FORM: sheets (also self-adhesive), self-adhesive tape

COLOUR: Grey

SMELL: Typical for its type

#### CHANGE OF STATE

##### MELTING POINT/

MELTING RANGE: None

##### BOILING POINT/

BOILING RANGE: None

FLASH POINT: Difficult to ignite according to DIN 4102: B1 (sheets) and B2 (tape)

IGNITION TEMPERATURE: None

SPONTANEOUS COMBUSTION: The product is not self-igniting.

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EXPLOSION RISK: None

DENSITY\*: Bulk density: 50 to 70 kg/m<sup>3</sup>

### SOLUBILITY IN/MISCIBILITY

WITH WATER: Insoluble

## 10 STABILITY AND REACTIVITY

CONDITIONS TO BE AVOIDED: Avoid the influence of naked flames.

DANGEROUS REACTIONS: None

### DANGEROUS DECOMPOSITION

PRODUCTS: No carbon monoxide splitting under thermal load; according to DIN 53436 if used for its intended purpose: slight.

## 11 DETAILS OF TOXICOLOGY

### ACUTE TOXICITY

#### PRIMARY IRRITANT REACTION

ON SKIN: )

ON EYES: ) No toxic effects known if used for its intended purpose.

SENSITISATION: )

## 12 DETAILS OF ECOLOGY

GENERAL DETAILS: No negative effects known. Not biologically degradable.

WATER HAZARD CLASS: None

## 13\* NOTES ON DISPOSAL OF PRODUCT/PACKAGING

### PRODUCT

WASTE KEY NUMBER\*: EAK 07 02 99  
(Under this number we dispose as manufacturer)

### DIRTY PACKAGING

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RECOMMENDATION:      Normal disposal path for cardboard packaging.

### 14      DETAILS OF TRANSPORT

Not a hazardous substance

### 15      REGULATIONS

LABELING IN CONFORMITY WITH  
EEC-GUIDELINES:

Our data indicate that the preparation is not hazardous as defined by the Chemicals Act or the Hazardous Goods Ordinance in the versions currently in effect.

### 16      FURTHER INFORMATION

The data in this safety data sheet correspond to our current level of knowledge and are sufficient for national and EC laws. However, we have no knowledge of or control over the working conditions of the user. The data in this safety data sheet describe the safety requirements of our product and may not be considered to guarantee any product properties. There is no stipulation requiring the submission of a data sheet for non-hazardous materials; such data will therefore only be submitted upon request.

DEPARTMENT IN CHARGE OF      Plant Chemistry and Product Improvement  
ISSUING DATA SHEET:          K.H. Giegel or H. Schön