

SAFETY DATA SHEET

with reference to (EC) 1907/2006

Arma-Chek Mastic

revised 15.08.2012, replaces version 25.06.2011

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

REGISTER: D 3196

STATUS: 15.08.2012

PAGE: 1 (von 5)

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

PRODUCT NAME	Arma-Chek Mastic (black and grey)
USE OF THE PRODUCT	Sealing compound for the processing of Arma-Chek D and Arma-Chek R in external areas.
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 Technical contact point: Dr. Dirk Seiling Quality Manager Tel: +49 (0)251 - 7603 - 664 Fax: +49 (0)251 - 7631 - 664 dirk.seiling@armacell.com
EMERGENCY INFORMATION	Beratungsstelle für Vergiftungserscheinungen und Embryonaltoxikologie (Giftnotruf Berlin) Tel: +49 (0)3030686790 www.giftnotruf.de

2. HAZARDS IDENTIFICATION

HAZARD DESIGNATION	This product does not require labelling in terms of preparation directive 1999/45/EC.
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3. COMPOSITION / INFORMATION ON INGREDIENTS

DESCRIPTION	Sealant based on silane modified polymers.
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PAGE: 2 (von 5)

HAZARDOUS INGREDIENTS

Trimethoxy Vinyl Silane (CAS 2768-02-7)

Percentage: 1 - 5 %

Classification: R10; Xn, R20

Gamma-Aminopropyltrimethoxysilane (CAS 13822-56-5)

Percentage: 1 - 5 %

Classification: Xi, R36

Dodecanoic bis-(2,2,6,6-Tetramethyl-4-Piperidinyl)-Ester (CAS 52829-07-9)

Percentage: < 1 %

Classification: N, R 51/53; Xi, R36

4. FIRST-AID MEASURES

IN CASE OF INHALATION	Provide with fresh air. Consult a physician in case of symptoms.
IN CASE OF SKIN CONTACT	Wash off with soap and water and rinse.
IN CASE OF EYE CONTACT	Flush with plenty of water (10-15 min.). Remove contact lenses, keep eyelids open. Call a physician.
IN CASE OF INGESTION	Consult a physician immediately.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Carbon dioxide, extinguishing powder or water spray jet.
EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS	Full water jet.
SPECIAL EXPOSURE HAZARDS ARISING FROM THE PREPARATION	Fire gases, do not breathe. Emits black fumes under fire conditions and other decomposition products. In case of fire wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

PERSONAL PRECAUTIONS	Not required.
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PAGE: 3 (von 5)

ENVIRONMENTAL PRECAUTIONS Do not allow product to reach sewage system or waters. Prevent material from reaching sewage systems, holes or cellars. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

METHODS FOR CLEANING UP / TAKING UP Take up mechanically. Dispose of the material collected according to regulations.

7. HANDLING AND STORAGE

HINTS FOR SAFE HANDLING Only use in locations with adequate exhaust ventilation.
Do not eat or drink during work - no smoking.

HINTS FOR PROTECTION AGAINST FIRE AND EXPLOSION Avoid open fire.

HINTS FOR SEPARATION OF INCOMPATIBLE PRODUCTS Do not store together with food.

FURTHER INFORMATION ON STORAGE CONDITIONS Should be stored in cool and dry rooms. Recommended storage temperature 5-30° C. Container should be kept dry and sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONSTITUENTS WITH OCCUPATIONAL EXPOSURE LIMITS REQUIRING MONITORING **Methanol** (resulting by cleavage) (CAS 67-56-1)
Value: 200 ml/m³ / 270 mg/m³ (TRGS 900)
Category: 4(II)
Version date: 01.2006

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.

HAND PROTECTION Use protective gloves. Suitable materials for the gloves are: natural latex, PVC, neoprene rubber, nitrile rubber, butyl rubber.

EYE PROTECTION Use safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE pasty

COLOUR black or grey

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PAGE: 4 (von 5)

ODOUR poor, characteristic

MELTING POINT not applicable

BOILING POINT not applicable

DENSITY AT 20 °C approx. 1.5 g/cm³

WATER SOLUBILITY (20 °C) insoluble

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 On the skin: possible irritation
On the eye: possible irritation
Sensitization: no sensitizing effect known
Other observations: When used and handled according to specification, the product does not have any harmful effect according to our experience and knowledge.

12. ECOLOGICAL INFORMATION

ADDITIONAL ECOLOGICAL INFORMATION Do not allow undiluted product or large quantities to reach ground water, water bodies or sewage system (Water pollution classification: Class 1 according to VwVwS).

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:
08 04 10 (waste adhesives and sealants other than those mentioned in 08 04 09)
Please note: The classification of waste for this product may change according to the field of application. Please observe Decision 2001/118/EC.

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PAGE: 5 (von 5)

DISPOSAL PACKAGES

Packaging must be emptied of all residues. Packaging with traces of cured product can be re-cycled. 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 directive 1999/45/EC.

16. OTHER INFORMATION

RELEVANT R-PHRASES	10	Flammable
	20	Harmful by inhalation
	36	Irritating to eyes
	51/53	Toxic to aquatic organisms, may cause long-term adverse effects on the aquatic environment.

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.