

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ARDALON 2K PLUS TEIL A 15 KG
Revision : 28.11.2007 Version : 5.0.2
Print date : 10.06.2008

01. Identification of the substance/preparation and of the company/undertaking

Product name

ARDALON 2K PLUS TEIL A 15 KG

Use of the substance / preparation

Mortar based on special cements

Manufacturer/Supplier

Bostik GmbH

An der Bundesstraße 16

33829 Borgholzhausen

Telephone / Telefax

#49 (0) 5425-801-0 / #49 (0) 5425-801-140

Information on material safety data sheet

E-mail: msds.germany@bostik.com

Emergency information

out of office hours:

#49 (0) 5425 / 951-220

02. Hazards identification

Hazard designation

Risk of serious damage to eyes.

Classification : Xi ; R 41 · Xi ; R 38

Additional information

Reacts with water strongly caustic - protect skin and eyes. Chromate poor (according to TRGS 613).

03. Composition/information on ingredients

Hazardous components

PORTLAND CEMENT CLINKER ; EC-No. : 266-043-4; CAS-No. : 65997-15-1

Percentage : 20 - 25 %

Classification : Xi ; R 41 Xi ; R 38

For the wording of the listed risk phrases refer to section 16.

04. First-aid measures

After inhalation

Let in fresh air. Consult a physician in case of symptoms.

After skin contact

Wash away with soap and water and rinse.

After eye contact

Flush with plenty of water (10 - 15 min.). Remove contact lenses, keep eyelids open. Call a physician.

After ingestion

Consult a physician immediately.

05. Fire-fighting measures

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ARDALON 2K PLUS TEIL A 15 KG
Revision : 28.11.2007 Version : 5.0.2
Print date : 10.06.2008

Not combustible under normal conditions.

06. Accidental release measures

Personal precautions

Avoid dust development. Avoid contact with skin and eyes.

Environmental precautions

Avoid influx of water. Do not allow product to reach sewage system or waters.

Methods for cleaning up/collecting

Take up mechanically.

Additional information

Solidifies after contact with water.

07. Handling and storage

Information for safe handling

Prevent formation of dust. Avoid contact with skin and eyes.

Information about protection against explosions and fires

No particular measures required.

Information about separation of incompatible products

None.

Further information about storage conditions

Protect from moisture. After absorption of moisture or exceeding the shelf life the consisting reducing agent for chromate will lose its efficiency and sensitisation by skin contact may occur.

Storage class (VCI) : 13

08. Exposure controls/personal protection

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Components with critical values that require monitoring at the workplace (exposure limits)

QUARTZ DUST ; CAS-No. : 14808-60-7

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)
Parameter : alveolar-dependant fraction
Value : 0,15 mg/m³
Version date : 29.04.2003

DUST

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)
Parameter : measured as the inhaleable fraction
Value : 5 mg/m³
Version date : 01.04.2004

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)
Parameter : alveolar-dependant fraction
Value : 3 mg/m³

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ARDALON 2K PLUS TEIL A 15 KG
Revision : 28.11.2007 Version : 5.0.2
Print date : 10.06.2008

Version date : 01.04.2004

Personal protective equipment

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work.

Respiratory protection

Avoid inhaling the powder. Protecting mask against dust recommended. particle filter - type P2 (medium capacity - colour code: white) or particle filter - type P3 (high capacity - colour code: white)

Hand protection

Use protective gloves.
Suitable materials for the gloves are: natural latex - neoprene rubber - nitrile rubber - PVC - butyl rubber - Use appropriate skin protection cream before work.
Appropriate gloves are available e.g. from Mapa-Professionel (F-92205 Neuilly sur Seine - France): INDUSTRIAL ® - JERSETTE ® -
The permeation time (max. usage time) of the gloves depends on material and thickness as well as temperature. The data are available from the manufacturer of the specific gloves (e.g. in the internet www.mapa-professionnel.com).
Not suitable are gloves made from PVA (polyvinyl alcohol) - leather -

Eye protection

Use safety glasses.

09. Physical and chemical properties

Image

Form : Powder.
Colour : Gray.
Odour : Poor, characteristic.

Relevant safety data

Melting point / range :			not applicable	
Flash point :			inapplicable	c,c,
Bulk density, loose:	(20 °C)	ca.	1,4	g/cm ³
Bulk density, tamped:	(20 °C)	ca.	1,5	g/cm ³
pH value :		>	11	

Additional information

The product is not self-igniting. The product is not explosive.

10. Stability and reactivity

Conditions to avoid

None, if handled according to order.

Hazardous decomposition products

No dangerous decomposition products during appropriate storage and handling.

Further information:

Reacts with water strongly caustic.

11. Toxicological information

Experience on practice

On the skin: Irritant to skin and mucous membranes.
On the eye: Strongly irritant with the danger of severe eye injury.
Sensitisation: As long as the shelf life (best before date on packaging) is not exceeded, no sensitisation will be expected.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ARDALON 2K PLUS TEIL A 15 KG
Revision : 28.11.2007 Version : 5.0.2
Print date : 10.06.2008

12. Ecological information

Additional ecological information

General ecological information

Do not allow undiluted product or large quantities to reach ground water, water bodies or sewage system.

13. Disposal considerations

Product

Recommendation

May be disposed after solidification in accordance with local official regulations.

Waste key

European Waste List:

17 09 04: Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Please note: The classification of waste for this product may change according to the field of its application. Please observe Directive 2001/118/EC.

Contaminated packaging

Recommendation

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

This product is not subject to any regulation of transportation.

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Packaging

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EC directives

Danger symbol and danger designation



Xi ; Irritant

R-phrases

41 Risk of serious damage to eyes.

Material Safety Data Sheet

according to Regulation (EC) 1907/2006



Product name : ARDALON 2K PLUS TEIL A 15 KG
Revision : 28.11.2007 Version : 5.0.2
Print date : 10.06.2008

38 Irritating to skin.
S-phrases
2 Keep out of the reach of children.
36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
24 Avoid contact with skin.
22 Do not breathe dust.

National regulatory information

Emission control act ("TA-Luft")
Sum inorganic substances class III (Dust) : < 1 %
Water pollution classification
Class : 1 according VwVWS

16. Other information

Further information

Relevant changes

03. Hazardous components

R-Phrases of components

38 Irritating to skin.
41 Risk of serious damage to eyes.

Department issuing data sheet

Laboratory.

Contact

Dr. K.M. Müller

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
