

Basic Ano-powder

1. Identification of the product and of the company

Identification of the product:

Basic Ano-powder

Aluminium oxide powder for abrasive cleaning of anodised surfaces

Company undertaking identification:

Rudolf Ambruch GmbH, Esperantostrasse 12, D- 70197 Stuttgart / Germany

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2. Composition / information on ingredients

Declaration according to recommendation 89/542/EEC:

Product contains the following relevant components:

Aluminium oxide (Al₂O₃)

Chemical characterisation:

CAS-number: 1344-28-1

EINECS: 215-691-6

3. Hazards identification of the product

Not applicable

4. First aid measures

After inhalation:

No special attention required

After skin contact:

No special attention required

After eye contact:

Flush with plenty of water. Seek medical advice if irritation persists

After swallowing:

No special action required

5. Fire fighting measures

Not inflammable

Use extinguishing measures appropriate to the source of fire

Special exposure hazards arising from the product itself, from combustion products or from resulting gases:

None known

Special protective equipment for fire fighters.

Not applicable

6. Accidental release measures

Personal precautions:

Avoid dust formation. Wear personal protective equipment (see also item 8.3)

Environmental precautions:

No special measures required

Methods of cleaning up / of removing:

Pick up mechanically and dispose of in accordance to regulations

7. Handling and storage

Handling:

Avoid dust formation.

No danger of fire and dust explosion

Storage:

No special precautionary measures

8. Exposure controls / personal protection

Components with specific control parameters as limit values:

Observe the local bylaws in terms of fine dust

(e.g. TWA value 10 mg/m³; MAK value 6 mg/m³, see also item 16)

Personal security equipment:

Respiratory protection:

Avoid inhaling the dust. Fine dust mask with filter category P1 filter must be used if fine dust limits are exceeded

Hand protection:

Protective gloves are recommended

Eye protection:

Safety glasses are recommended

General measures for security and hygienics:

Observe standard industrial hygiene practice.

9. Physical and chemical properties

Physical state:

Grains, powder

Colour:

Brown, bluish grey, black white or pink

Odour:

Odourless

Change in physical state:	Melting point approx. 2,000° C
Flash point:	Not applicable
Ignition temperature:	Not applicable
Auto-flammability:	Not applicable
Oxidizing properties:	Not applicable
Explosive properties:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	Not applicable
Specific gravity	(3,7 - 4,5) g/cm ³
Bulk density:	(500 - 2500) kg/m ³
Solubility in water:	Practically insoluble
pH-value:	Not applicable

10. Stability and reactivity

General information:
The product is stable, not hazardous

Conditions to avoid:
Not applicable

Materials to avoid:
Not applicable

Hazardous decomposition products:
None known

11. Toxicological information

General information:
No hazardous effects known, if used properly. No free silica included
(see also item 16)

Acute toxicity:
Not known

12. Ecological information

Information on elimination:
Chemically inert and insoluble in water. Separation by mechanical process
(sedimentation, filtration etc.)

Behaviour in environmental compartments:
No environmental problems known

Ecotoxicity:
No harmful effects on water organisms anticipated

Further ecological information:
No environmental problems expected, if handled and treated in accordance with standard industrial practice.

13. Disposal considerations

Material: Can be stored with domestic waste.
Observe local bylaws.

Contaminated packaging: Packaging has to be emptied entirely.
Recycling of used packaging is recommended.
Local bylaws must be observed.

14. Transport information

Transport over land ADR/RID:
Non hazardous material

Transport over inland waterways ADN/ ADNR:
Non hazardous material

Transport over sea IMDG:
Non hazardous material

Transport by air ICAO/ IATA:
Non hazardous material

15. Regulatory information

Classification and labelling according to GefStoffV(Germany) and EG regulations.

Identification letter and symbol of danger:
None

Basic Anodizing-powder
Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1
Edition 04 August, 8th. 2003
Not subjected to VbF (Germany)

Not water polluting (VwVwS Germany)

16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties