

Material Safety Data Sheet

according to 91/155/EEC - 2001/58/EC

Oerlikon Balzers Coating
Coating Services

Product name : BALINIT® FUTURA NANO
Revision : 07.12.2006 Version : 1.0.0
Print date : 04.04.2007

01. Identification of substance, preparation and company

Product name:

BALINIT® FUTURA NANO

Manufacturer

OC Oerlikon Balzers AG

Street/P.O.Box

Iramali 18

Country code/Postal code/Town/City

9496 Balzers

Telephone / Telefax

+423 388 75 00 / +423 388 54 19

Emergency information

0041 (0)44 251 51 51

02. Composition/information on ingredients

Hazardous components

ALUMINIUMNITRID ; EC-No. : 246-140-8 ; CAS-No. : 24304-00-5

Percentage : < 5 %

Classification : Xi ; R 37

03. Hazards identification

Hazard designation

-

Additional information

There are no data available on the product itself.

04. First-aid measures

After inhalation

No particular measures required.

After skin contact

Immediately remove all contaminated clothing. Flush away with water and rinse.

After eye contact

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

After ingestion

Do not induce vomiting - call a physician.

05. Fire-fighting measures

Suitable extinguishing media

Foam, CO2, powder extinguisher.

Unsuitable extinguishing media

None known.

Additional information

None.

06. Accidental release measures

Personal precautions

Take the precautions customary when handling chemicals.

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Environmental precautions

Do not empty into drains.

07. Handling and storage

Information for safe handling

Normal precautions taken when handling chemicals should be observed.

Information about protection against explosions and fires

No anti-explosion measures necessary.

Further information about storage conditions

Containers should be kept dry and sealed.

08. Exposure controls and personal protection

Personal protective equipment

General protective and hygiene measures

Keep away from food, drink and animal feeding stuff

Respiratory protection

Fresh air masks are recommended, or combination filters A2-P2 for works of short duration.

Eye protection

Use safety glasses.

Body protection

No particular measures required.

09. Physical and chemical properties

Image

Form : Solid.
Colour : Violet-grey
Odour : Odourless.

Relevant safety data

Boiling point / range :	(1013 hPa)	not applicable	°C
Flash point :		not applicable	°C
Vapour pressure :	(50 °C)	no data available	hPa
Solubility in water :	(20 °C)	insoluble	g/l

Additional information

Microhardness (HV 0.05): 3300 Friction coefficient against steel: 0.30 - 0.35

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Materials to avoid

Reaction with oxidizing agents possible. Reactions with acids possible

11. Toxicological information

Toxicological tests

Primary irritant effect

No known toxic effects on humans.

12. Ecological information

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Additional ecological information

General ecological information

Do not empty the product into drains, do not store on public depositories disposal: in accordance with local official regulations.

13. Disposal considerations

In accordance with local official regulations.

Product

Waste key

Waste code (91/689/EEC) : 06 04 05*

14. Transport information

Land transport ADR/RID

Classification

Class : -

Remarks

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EEC directives

Special designation for certain preparations

101 Safety data sheet available for professional user on request.

16. Other information

The user is responsible for the observance of all required statutory provisions.

Further information

R-Phrases of components

37 Irritating to respiratory system

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.
