

SAFETY DATA SHEET
as per 91 / 155 / EWG

reworked on: 11.10.96

1. PRODUCT and COMPANY IDENTIFICATION

a) Product type:

Product name: Brilliance Powder
article nos.:

b) Information of the manufacturer / supplier:

OTEC-Präzisionsfinish GmbH
Dieselstr. 12
75334 Straubenhardt- Fel.
Tel. 0049 (0) 7082 4911-20
Fax. 0049 (0) 7082 4911-29

c) Emergency information:

Department of safety and technic of the company OTEC or one of the
toxicology medical centre.

2. CHEMICAL COMPOSITION

Chemical characterization:

Mixture of Shining powders for the working by machine -
various polishing powders with smoothing additions as waxes, vegetable and
animal oils/fats.

CAS No.: --

EC-No.: --

3. HAZARDS IDENTIFICATION

- a) Hazard description: none
- b) Special information for people and environment: Not dangerous at a correct and directed use; avoid dust.

4. FIRST AID MEASURES

- a) general remark: No special measurements necessary.
- b) contact with skin: Please clean with water and soap. Change soiled clothes.
- c) contact with eyes: Please wash the eyes carefully some minutes with running water.
- d) after swallowing up: Please wash the mouth carefully and drink a lot of water - seek medical advice.

5. FIRE FIGHTING MEASURES

- a) Extinguishing media: CO₂, use extinguishant foam
- suitable -
- b) Extinguishing media: water
- NOT suitable -
- c) Special protection: not necessary

6. ACCIDENTAL RELEASE

- a) Personal measurements: Please avoid contact with eyes and skin.
- b) Environment measurements: Please do not allow to get into drains and canalization or ground water.
- c) Cleaning system / take up: Dike and wipe or take it up with absorbent materials (as sand, sawdust or universal binder) and pay attention to disposal at the local regulations.

7. STORAGE and HANDLING

a) Handling:

At a normal and correct use as instructed, these products are not dangerous. Please take care that there is a good ventilation at the working place. Follow the general precaution measures with chemicals. Avoid dust.

b) Protection against fire and explosion:

Products are not dangerous for explosion and self ignition.

c) Storage:

Keep the cans always closed seal and store them at a cool place with 15 - 20°C. Close well again after taking out. Keep away from direct irradiation or other heat and fire sources.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

a) Additional information for technical units:

Components with supervising limits in regard of the working place:
- none -

b) Personal protection:

| | |
|-------------------------|---|
| Respiration protection: | not necessary - pay attention to a good ventilation. Avoid dust. |
| Skin protection: | not necessary - wear protective gloves at an allergical reaction. |
| Eye protection: | avoid contact with eyes. |
| Body protection: | wear usual protective clothing. |

Please pay attention to the normal hygienically working regulations at the handling with chemicals.

9. PHYSICAL and CHEMICAL PROPERTIES

- a) Form: powder
b) Colour: white
c) Odour: odourless

d) Change into physical state:

| | |
|-----------------------|--------------------------------------|
| Melting point: | 2.000 °C |
| Flash point: | --- |
| Ignition temperature: | --- |
| Explosions limit: | products are not explosion dangerous |
| Vapour pressure: | no information |
| Density: | no information |
| Solubility in water: | insoluble |
| pH-value: | 6 - 7 |

10. STABILITY and REACTIVITY

- a) Thermal decomposition: none at a correct use
b) Hazardous reactions: none at a correct use
c) Hazardous decomposition products: none at a correct use

11. TOXICOLOGICAL INFORMATION

a) Acute toxicity:

None toxicity effects are known.

b) Additional toxicological information:

After our experiences since years, no unwholesome attributes or dangerous health reactions became known. Please avoid dust and pay attention to a good ventilation at the working place.

12. ECOLOGICAL INFORMATION

General information:

At a normal and correct use, above products do not endanger the environment. The products undiluted or in bigger quantities must not get into the soil, ground water or sewerage system. Water hazardous class 1 (= weakly water threatened).

13. DISPOSAL CONSIDERATION

a) Recommendation:

Please pay attention to the local authorities and bring it to a local disposal site or incinerating plant (do not throw it into the domestic rubbish).

Waste disposal no.: 51305

b) Soiled packages:

Please empty the packing as best as possible. After an appropriate cleaning, you can re-use the packing.

14. TRANSPORT INFORMATION

Above product-mixtures are not classified and restricted without labelling provisions after the EC-directions. After our information as well as above giving details, these products are not dangerous in regard of known transport directions.

15. REGULATORY INFORMATION

a) Labelling after EC-directions:

Above products are not subjected by the decree of dangerous goods and from us known EC-lists and so there is no duty for labelling.

| | | |
|------------|------|-------------------------------------|
| R-phrase: | R-43 | Sensibility after contact with skin |
| S-phrases: | S-20 | do not eat and drink during working |

S-phrases: S-3 / 7 / 9 keep packages always closed seal and store or work well ventilated at a normal room temperature

b) National directions:

Classified to VbF: not classified and restricted
no labelling provisions

Water dangerous: WGK 1 (Germany)
self-classification

16. OTHER INFORMATION

All above information and datas comes up to our topical knowledge as well as experiences and should describe the products for possible safety measures only. It should not therefore be construed a guaranteeing specific property. The consumers have to pay attention present laws and directions by own responsibility.

We do not guarantee that above information is without any mistakes and complete.

This safety data sheet replace all former specimen, which become now null and void.