

msds MICROSTAR®

New Outline Powder

1 Identification of Substance:

Material Safety Data Sheet

Date: 10-17-2007

Identification of Substance and Product Details

Trade Name: New Outline Powder

Supplier:

MICROSTAR® Dental LLC

1000 Lakes Pkwy.

Lawrenceville, GA 30043

www.microstardental.com

Emergency Information:

During Normal Business Hours, 1-800-313-6427 or 1-770-339-5757

Application of the substance / the preparation Manufacture of dental prosthesis

2 Composition / Data on Components:

Chemical characterization

Description: Acryl-resin on base of polymethylmethacrylate

Dangerous components: Void

3 Hazard Identification:

Hazard description: not applicable

Information concerning to particular hazards to man and environment

The product does not have to be labeled due to the calculation procedure of the "General

Classification guideline for preparations of the EU" in the latest valid version.

Classification system

The classification is according to the latest edit ions of the EU-lists, and extended by company and literature data.

4 First Aid Measures:

General information No special measures required.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Generally the product does not irritate the skin.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing If symptoms persist consult doctor.

Protective equipment: No special measures required.

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5 Fire Fighting Measures:

Suitable extinguishing agents

Water haze

Foam

Carbon dioxide

Fire-extinguishing powder

6 Accidental Release Measures:

Personal safety precautions: Not required.

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting: Pick up mechanically.

Additional information: No dangerous substances are released.

*** 7 Handling and Storage:**

Handling

Information for safe handling: Prevent formation of dust.

Information about fire - and explosion protection: No special measures required.

Storage

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Storage class

Class according to regulation on flammable liquids: Void

*** 8 Exposure Controls and Personal Protection Gear:**

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

Personal protective equipment

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands: Not required.

Material of gloves -

Penetration time of glove material -

Eye protection: Goggles recommended during refilling.

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9 Physical and Chemical Properties:

General Information

Form:

Color:

Odor:

Powder

Different according to coloring

Characteristic

Change in condition

Melting point/Melting range:

Boiling point/Boiling range:

undetermined

undetermined

Flash point: Not determined

Self-igniting: Product is not self igniting.

Danger of explosion: Product does not present an explosion

hazard.

Density: Not determined

Solubility in / Miscibility with

Water: Not miscible or difficult to mix

pH-value: Not applicable

Viscosity:

Dynamic:

kinematic:

Not applicable

Not applicable

Solvent content:

Organic solvents: 0.0 %

10 Stability and Reactivity:

Thermal decomposition / conditions to be avoided:

Can decompose slowly with localized heating above 150°C

No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known

Dangerous decomposition products:

During thermic decomposition, flammable fumes which may irritate the eyes and which consist of methylmethacrylate are developed.

11 Toxicological Information:

Acute toxicity:

LD/LC50 values relevant for classification:

Components Type Value Species Not determined

Specific symptoms in biological assay: Not determined

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU

Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to

our experience and the information provided to us.

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12 Ecological Information:

Ecotoxicological effects:

Aquatic toxicity:

Type of test Effective concentration Method Assessment Not determined

General notes:

Generally not hazardous for water.

Not known to be hazardous to water.

13 Disposal Considerations:

Product:

Recommendation Smaller quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

14 Transport Information:

Land transport ADR/RID (cross-border)

ADR/RID class: -
Maritime transport IMDG:
IMDG Class: -
Marine pollutant: No
Air transport ICAO-TI and IATA-DGR:
ICAO/IATA Class: -
Remarks: Keep the packaging always closed.

*** 15 Regulations:**

Labeling according to EU guidelines:
Observe the general safety regulations when handling chemicals
The product is not subject to identification regulations under EU Directives
and the Ordinance on
Hazardous Materials (German GefStoffV).
National regulations
Classification according to VbF: Void
Water hazard class: Generally not hazardous for water.

16 Other Information:

This information is based on our present knowledge. However, this shall not
constitute a guarantee
for any specific product features and shall not establish a legally valid
contractual relationship.

* Data compared to the previous version altered.