

BYK-333

Version 1.1 SDB_GB
Revision Date 28.05.2008

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE
COMPANY/UNDERTAKING**

Product information

Trade name : BYK-333

Use : Silicone Surface Additive

Company : BYK-Chemie GmbH
Abelstrasse 45
46483 Wesel

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Telefax : +49 281 65735

Technical information : Mr. Rohlfs
Telephone : +49 281 670-761
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gunthard.rohlf@altana.com

Emergency telephone : Gefahrgutbuero GmbH, D. Kropshofer, Tel. +49 6132 84463

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature

Polyether modified polydimethylsiloxane

No dangerous ingredients according to Directive 2001/58/EC

4. FIRST AID MEASURES

General advice : No hazards which require special first aid measures.

Inhalation : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
If symptoms persist, call a physician.

Skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.

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- Eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
- Ingestion : Rinse mouth.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Specific hazards during fire fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Fire fighting : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Environmental precautions : Try to prevent the material from entering drains or water courses.
No special environmental precautions required.
- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : For personal protection see section 8.
No special handling advice required.
- Prevention of fire and explosion : Normal measures for preventive fire protection.

Storage

- Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place.

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Advice on common storage : No special restrictions on storage with other products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : Material PVC disposable gloves
Break through time: 120 min
- Eye protection : Safety glasses
- Skin and body protection : Protective suit
- Hygiene measures : General industrial hygiene practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : liquid
- Colour : light brown
- Odour : not significant
- pH : no data available
- Melting point/range : no data available
- Initial boiling point : > 200 °C
- Flash point : > 100 °C
Method: DIN EN 2719, ISO2719
- Ignition temperature : > 200 °C
Method: calculated
- Vapour pressure : < 1 hPa
at 20 °C
Method: calculated
- Density : 1,04 g/cm³
at 20 °C
Method: DIN EN ISO 2811-3
- Bulk density : not applicable
- Water solubility : completely miscible

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Viscosity, kinematic : at 20 °C
no data available

at 40 °C
no data available

Surface tension : no data available

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10. STABILITY AND REACTIVITY

Conditions to avoid : no data available

: Carbon oxides

Thermal decomposition : no data available

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 rat
Dose: > 8.000 mg/kg
Method: OECD Test Guideline 401

Repeated dose toxicity : no data available

Skin irritation : rabbit
No skin irritation
Method: OECD Test Guideline 404

Eye irritation : rabbit
No eye irritation
Method: OECD Test Guideline 405

Sensitisation : no data available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Acute toxicity (Toxicity to fish) : no data available

Toxicity to bacteria : no data available

Other adverse effects : no data available

Elimination information (persistence and degradability)

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- Biodegradability : According to the results of tests of biodegradability this product is not readily biodegradable.
- Bioaccumulation : no data available
- Mobility : no data available

Additional ecological information

There is no data available for this product.

13. DISPOSAL CONSIDERATIONS

- Product : Offer surplus and non-recyclable solutions to a licensed disposal company.
- Waste key for the unused product : 0801 99
- Uncleaned empty packaging : Empty remaining contents.
Empty containers should be taken for local recycling or waste disposal.

14. TRANSPORT INFORMATION

Land transport

ADR / RID:
Not dangerous goods

Sea transport

IMDG:
Not dangerous goods

Air transport

IATA-DGR :
Not dangerous goods

15. REGULATORY INFORMATION

Labelling according to EC Directives

1999/45/EC

The product does not need to be labelled in accordance with EC directives or respective national laws.

National legislation

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96/82/EC : Directive 96/82/EC does not apply

16. OTHER INFORMATION

Further information

The information contained herein is based on the present state of our knowledge and does therefore not guarantee certain properties.