

Albidur EP 2240

EEC Material Safety Data Sheet
according to EC directive 91/155/EEC

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Printed: January 10, 2006
Revised: January 10, 2006
Replaces Issue:

1. Company

Supplier: nanoresins AG
Address: Charlottenburger Str. 9 D-21502 Geesthacht
Phone: 49 - 4152 - 1390-0
Fax: 49 - 4152 - 1390-100

Emergency Telephone: Poison Information Center
49 - 0551 - 19240

2. Information on Ingredients

2.1 Chemical Name: Composition of Bisphenol A-Diglycidylether and polysiloxane rubber

2.2 Dangerous Ingredients:

Substances: Bisphenol-A-Diglycidylether
CAS No.: 25085-99-8
CAS name:
EINECS-No.:
EEC-No.:
Concentration: 60 %
Classification: Xi; N
Risk-phrases: R 36/38-43-51/53

3. Hazards Identification

Irritating to eyes and skin.
May cause sensitization by skin contact.
Toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment.
Avoid contact with skin.

4. First Aid Measures

- 4.1 General notice:** Remove contaminated clothing immediately.
- 4.2 Inhalation:** Remove to fresh air.
- 4.3 Skin contact:** Remove contaminated clothing, wash skin with plenty of cold to lukewarm water and soap.
- 4.4 Eye contact:** Flush eyes immediately with water for at least 15 min. Seek medical advice.
- 4.5 Ingestion:** Rinse mouth with water, give plenty of water to drink, do not induce vomiting. Call a physician.
- 4.6 Advice to physician:**

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5. Fire Fighting Measures

- 5.1 Extinguishing media:** Suitable: Foam, CO₂, powder
Non suitable: compact jet of water
- 5.2 Unusual fire and explosion hazards:**
- 5.3 Protective equipment:** No special measures required.
- 5.4 Additional advice:**

6. Accidental Release Measures

- 6.1 Precautionary measure:** Usual precautions as with any chemical. Good room ventilation.
- 6.2 Environmental protection measure:** Avoid discharge to natural waters and sewers.
- 6.3 Cleaning measure:** Cover with inert absorbent material and collect for disposal.
- 6.4 Additional advice:**

7. Handling and Storage

- 7.1 Handling:** Usual precautions as with any chemical.
- 7.2 Storage:**
- 7.3 Storage conditions:** Keep containers closed.

8. Exposure Controls and Personal Protection

- 8.1 Exposure controls:**
- 8.2 Personal protection:**
- | | |
|-----------------------------|-------------------------|
| Respiratory protection: | |
| Ventilation: | Normal room ventilation |
| Protective gloves: | PVC - gloves |
| Eye protection: | Safety glasses |
| Other protective equipment: | |
- 8.3 Additional advice:** Usual precautions as with any chemicals.

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| 9. Physical and Chemical Properties | | | |
|--|---------|----------------|-------|
| 9.1.1 Appearance: | | viscous liquid | |
| 9.1.2 Color: | | white | |
| 9.1.3 Odor: | | none | |
| 9.2 Typical values | | | |
| Boiling point | (mbar) | > 260 | C |
| Melting point | | < -20 | C |
| Density | (20 C) | 1.1 | g/ml |
| Vapor pressure | (20 C) | < 1 | mbar |
| Vapor density | (C) | | mbar |
| Viscosity | (25 C) | 30,000 | mPa·s |
| Solubility in water | (C) | insoluble | g/l |
| in | (C) | | g/l |
| pH | (C) | | |
| Solvent content | | | |
| Solid content | | | |
| Flash point | | > 120 | C |
| Ignition temperature | | | C |
| Autoflammability | | | |
| Flammability limits | Lower | Not explosive. | Upper |
| Additional advice | | | |

| 10. Stability and Reactivity | |
|--|--|
| Stability: | Stable |
| Materials to avoid: | Amines, merkaptanes, and Lewis acids |
| Conditions to avoid: | |
| Hazardous combustion or decomposition products: | None |
| Hazardous polymerization: | Exothermic polymerisation at room temperature with amines, merkaptanes and Lewis acids |

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Low oral toxicity. May cause abdominal discomfort.
Skin contact: Moderately sensitizing and irritating.
Eye contact: Severely irritating.
May cause sensitization by skin contact.

12. Ecological Information

Avoid discharge to natural waters, sewers and
biological waste water treatment plants.
Incinerate according to appropriate regulations.

13. Disposal Considerations

Disposal: Collect for disposal.
Classification: Incinerate according to appropriate regulations.

14. Transport Information

| | | | |
|---------------------------|--|-----------------------------------|------|
| ADR/RID | 9 | Hazard identification No.: | 90 |
| ICAO/IATA | 9 | UN-No.: | 3082 |
| IMDG-Code: | 9 | Packing group: | III |
| Marine pollutant: | no | | |
| Technical name: | environmentally hazardous substance, liquid, n.o.s. (epoxide derivatives solution) | | |
| Additional advice: | | | |

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15. Regulatory Information

| | |
|-----------------|--|
| Symbol: | Xi, N |
| Risk phrases: | 36/38-43-51/53 |
| R 36/38: | Irritating to eyes and skin. |
| R 43: | May cause sensitization by skin contact. |
| R 51/53: | Toxic to aquatic organism, may cause long-term adverse effects in the aquatic environment. |
| Safety phrases: | 28.2-37/39-61 |
| S 28.2: | After contact with skin, wash immediately with plenty of water and soap. |
| S 37/39: | Wear suitable gloves and eye/face protection. |
| S 61: | Avoid release to the environment. Refer to special instructions/Safety data sheets |

16. Additional Advice

Please see Technical Data Sheet also.