

Product: Binder A 90

Print Date:

Revision on: 15.06.2001

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1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name Binder A 90
- Article number: 1010060
- Manufacturer/Supplier:
DLH-LEDERTECHNIK GmbH
Floridsdorfer Hauptstr. 29
A-1210 Vienna/Austria
Phone: +43-1-278 13 57
Fax: +43-1-278 13 57-9
e-mail: dlh@dlh.at
- Informing department: Product Safety Department

2 COMPOSITION/DATA ON COMPONENTS:

- Chemical characterization
- Description:
aqueous dispersion of acrylic copolymer
- Identification of the preparation:
aqueous dispersion

3 HAZARDS IDENTIFICATION

- Hazard designation: Void
- Information pertaining to particular dangers for man and environment Void
- Classification system
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 FIRST AID MEASURES

- After inhalation
Move to fresh air in case of accidental inhalation of vapours or decomposition products.
- After skin contact
Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
- After eye contact
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After swallowing
Do not induce vomiting without medical advice.

5 FIRE FIGHTING MEASURES

- Specific methods:
In the event of fire and/or explosion do not breathe fumes.
Water mist may be used to cool closed containers.

6 ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions:
Ensure adequate ventilation
- Measures for environmental protection:
Do not allow product to reach sewage system or water bodies.
- Measures for cleaning/collecting:
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Take up mechanically and collect in suitable container for disposal.

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7 HANDLING AND STORAGE

- Handling
- Information for safe handling:
Ensure good ventilation/exhaustion at the workplace.
- Information about protection against explosions and fires: void
- Storage
- Requirements to be met by storerooms and containers:
No special requirements.
- Information about storage in one common storage facility:
Store away from foodstuffs.
- Further information about storage conditions:
Protect from frost.
- Storage class
- Class according to regulation on inflammable liquids: void

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Respiratory protection:
No personal respiratory protective equipment normally required.
- Hand protection: protective gloves
- Eye protection: safety glasses
- Skin and body protection: protective suit

9 PHYSICAL AND CHEMICAL PROPERTIES:

- Form: liquid
- Colour: white
- Odour: not significant
- Change in condition
 - Melting point/Melting range: not determined
 - Boiling point/Boiling range: 100 °C
- Flash point: not applicable
- Ignition temperature: not applicable
- Self-inflammability: Product is not self-inflammable.
- Danger of explosion: Product is not explosive.
- Critical values for explosion:
 - Lower: Vol %
 - Upper: Vol %
- Vapour pressure: at 20 °C 23 mbar
- Density: at 20 °C 1 g/cm³ DIN 51757
- Solubility in / Miscibility with Water: completely miscible
- Solids (130°C 1H) 40,0
- pH-value: at 20 °C 6.5
- Brookfield Viscosity at 25°C 100,00

10 STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

11 TOXICOLOGICAL INFORMATION

- LD₅₀/oral/mouse= 5000 mg/kg
- National occupational exposure limits: not applicable
- Vapours due to thermic decomposition: irritant

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12 ECOLOGICAL INFORMATION:

- Degradation:
The need of biochemical oxygen (BOD 20) concerning tested latexes is lower than measurement limits of the equipment.
The product colours rivers in milk white.
In spite of its slow biodegradation the product does not give rise to ecological problems both for water and soil.
- Ecotoxicity:
The most part of latexes have a low toxicity for fishes (96H LC50 higher than 100 mg/l).

13 DISPOSAL CONSIDERATIONS

Must be incinerated in a suitable incineration plant authorised under the Environmental Protection Act 1990.

14 TRANSPORT INFORMATION

- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)
- ADR/RID-GGVS/E Class:
- Kemler Number:
- UN-Number:
- Label

- Maritime transport IMDG/GGVSea:
- IMDG/GGVSea Class:
- Page:
- UN Number:
- Packaging group:
- EmS Number:
- MFAG:
- Marine pollutant: No

- Air transport ICAO-TI and IATA-DGR:
- ICAO/IATA Class:
- UN/ID Number:
- Packaging group:

- Transport/Additional information:
No dangerous good in accordance to the transport regulations.

15 REGULATORY INFORMATION

- Classification according to EC-regulations:
The product is not subject to identification regulations under EC Directives.
- National regulations
- Classification according to VbF: void
- Water hazard class:
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Other regulations, limitations and prohibitive regulations
- Other regulations, information and classifications:
The raw materials used to produce this product are listed in the EINECS inventory.

16 OTHER INFORMATION:

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.