

**Product: Binder 5534**

Print Date:

Revision on: 15.06.2001

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## **1 IDENTIFICATION OF SUBSTANCE**

- Product details
- Trade name Binder 5534
- Article number: 1011110
- 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 styrene/acrylic polymer
- 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.  
Keep at temperatures between 10 and 40°C.
- 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: whitish
- 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 not applicable
- Density: at 20°C 1 g/cm<sup>3</sup> DIN 51757
- Solubility in / Miscibility with Water: completely miscible
- pH-value: at 20°C 4-6
- Brookfield Viscosity: at 25°C < 50 mPas

## **10 STABILITY AND REACTIVITY**

- Stability:  
Stable under recommended storage conditions.

## **11 TOXICOLOGICAL INFORMATION**

- National occupational exposure limits: not applicable

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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.