

Product: Binder 51.225

Print Date:

Revision on: 15.06.2001

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1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name Binder 51.225
- Article number: 1010030
- 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
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- 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: void
- Measures for environmental protection: void
- 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:
No special measures required.
- 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

- Additional information about design of technical systems:
No further data; see item 7.
- Components with critical 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 that were valid during the compilation were used as basis.
- Respiratory protection:
No personal respiratory protective equipment normally required.
- Hand protection: protective gloves
- Eye protection: Safety glasse
- 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 %
- Density: at 20°C 1 g/cm³ DIN 51757
- Solubility in Water: completely miscible
- pH-value: 8 - 9
- Viscosity Brookfield Lvt. 20°C <100 mPa.s

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10 STABILITY AND REACTIVITY

- Conditions to be avoided:
No decomposition if used according to specifications.
- Dangerous reactions:
With correct storage conditions and appropriate handling: none
- Dangerous products of composition:
void
- Stability:
Stable under recommended storage conditions.

11 TOXICOLOGICAL INFORMATION

- Acute toxicity: LD₅₀/oral/mouse= 5000 mg/kg
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritant effect.
- Sensitization: No sensitizing effect known.
- Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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/lt).

13 DISPOSAL CONSIDERATIONS

- Product:
- Recommendation
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Must be incinerated in a suitable incineration plant authorised under the Environmental Protection Act 1990.
- Uncleaned packagings:
- Recommendation:
Disposal must be made according to official regulations.

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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.