

Product: Polyton W 7170

Print Date:

Revision on: 15.06.2001

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1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name: Polyton W 7170
- Article number: 1011220
- 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 characterisation
Polyurethane dispersion
- Hazardous components:

<u>Chemical name</u>	<u>CAS No.</u>	<u>Concentration % by weight</u>	<u>R-Phrases</u>	<u>Danger Symbol</u>
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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

- Cases in General: No special measures required.
- Inhalation: Supply fresh air; consult a doctor in case of symptoms.
- Skin contact: Instantly wash with water and soap and rinse thoroughly.
- Eye contact: Rinse opened eye for several minutes under running water. Consult a doctor.
- Ingestion: In case of persistent symptoms consult a doctor.

5 FIRE FIGHTING MEASURES

- Suitable extinguishing agents:
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- Special hazards caused by the material, its products of combustion or flue gases:
Can be released in case of fire: nitrogen oxides (NO_x)
- Protective equipment:
Do not inhale explosion gases or combustion gases.
Wear breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

- Person-related safety precautions:
Use breathing protection against the effects of fumes/dust/aerosol.
Ensure adequate ventilation.
- Measures for environmental protection:
Do not allow product to reach sewage system or water bodies.
- Measures for cleaning/collecting:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.

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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:
 - Requirement 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 heat and direct sunlight.
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 list that were valid during the compilation were used as basis.
- Personal protective equipment:
- Respiratory protection:
The usual precautionary measures should be adhered to in handling the chemicals.
Keep away from foodstuffs, beverage and food.
Wash hands during breaks and at the end of the work.
- Breathing equipment: Use breathing protection in case of insufficient ventilation.
- Protection of hands: Protective gloves or skin protecting cream.
- Eye protection: Safety glasses recommended during refilling.

9 PHYSICAL AND CHEMICAL PROPERTIES:

- Form: liquid
- Colour: white
- Odour: characteristic
- Change in physical state:
 - Melting point: --- °C
 - Boiling point: about 100 °C
- Density: 20°C 1,02 g/cm³ DIN 51757
- Vapour pressure: 20°C 23 mbar
- Self inflammability: Product is not self-inflammable
- Danger of explosion: Product is not explosive
- Viscosity: 20°C 20 - 200 mPas Brookfield
- Solubility in water: miscible
- pH-value: 20°C 5,0 – 7,5
- Flash point: n.a. °C
- Ignition temperature: n.a. °C
- Explosion limit:
 - lower: --- Vol%
 - upper: --- Vol%

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10 STABILITY AND REACTIVITY

- Conditions to avoid: No decomposition if used according to specifications.
- Dangerous reactions: No dangerous reactions known.
- Dangerous products of composition: In case of fire: nitrogen oxides (NO_x)

11 TOXICOLOGICAL INFORMATION

- Acute toxicity:
- Skin contact: No irritant effect.
- Eye contact: 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:

General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water.

13 DISPOSAL CONSIDERATIONS

- Product:
- Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- European waste catalogue:
07 00 00 Wastes from organic chemical processes.
07 02 00 Waste from the MFSU of plastic, synthetic rubber and man-made fibres.
07 02 99 Wastes not otherwise specified.
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleaning agent: Water, if necessary with cleaning agent.

14 TRANSPORT INFORMATION

- | | | | |
|---------------------|-------------|------------|-------------|
| • GGVSee/IMDG-Code: | unregulated | UN-Number: | unregulated |
| • GGVE/GGVS: | unregulated | RID/ADR: | unregulated |
| • ICAO/IATA-DGR: | unregulated | ADNR: | unregulated |
| • Others: | --- | | |

15 REGULATORY INFORMATION

- Symbol: The product is not subject to identification regulations under EC Directives.
- Contain:
- R-phrases:
- S-phrases:
- Water hazard class:
Class 1 (self-assessment): slightly hazardous for water

16 FURTHER INFORMATION:

This information is based on our present level of knowledge and relates to the product in the state in which it is delivered and does not guarantee any particular properties. This safety data sheet is drawn up by electronic data processing and is valid without signature.