

Product: Polyton L 600

Print Date:

Revision on: 15.06.2001

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1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name: Polyton L 600
- Article number: 1011200
- 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
Aqueous dispersion of aliphatic polyurethane and waxes
- Hazardous components:

Chemical name	CAS No.	Concentration %	R-Phrases	Danger Symbol
N-methyl-2-pyrrolidone	872-50-4	1 – 4	36/38	Irritating
Triethylamine	121-44-8	1 – 2	35, 11, 20/21/22	Corrosives – flame
- Risk phrases:

11	Highly flammable
20/21/22	Harmful by inhalation, in contact with skin and if swallowed
35	Causes severe burns
36/38	Irritating to eyes and skin

3 HAZARDS IDENTIFICATION

The product is irritating and has particular danger during the manipulation. Please use regulations of Industrial Health.

4 FIRST AID MEASURES

- Cases in General:
No special measures required.
- Inhalation
Remove from exposure to fresh air immediately. If not breathing give artificial respiration. Get medical aid immediately.
- Skin contact
Immediately flush skin with plenty of water for least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- Eye contact
Immediately flush eyes with plenty of water for least 15 minutes. Get medical advice.
- Ingestion
Get medical advice aid immediately and show this file-card.

5 FIRE FIGHTING MEASURES

- Fire extinguishing means:
Water spray, carbon dioxide, land or foam, dry chemical
- not to be used:
Do not use straight streams of water
- Special protective equipment for firefighters:
Use self-contained breathing apparatus and protective clothing.

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6 ACCIDENTAL RELEASE MEASURES

Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self contained breathing apparatus and appropriate personal protection. Scoop up with a nonsparking tool, then place into a suitable container for disposal. Remove all sources of ignition. Absorb spill using an absorbent, non combustible material such as earth, sand. Provide ventilation.

7 HANDLING AND STORAGE

- Handling:
Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation.
- Storage:
Keep container tightly closed. Store in a cool, dry, well ventilated area away from incompatible substances.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Respiratory protection: Dust respirator, if dusting condition exist
- Skin protection: Wear impervious protective clothing, including boots and gloves
- Hand protection: Wear appropriate protective gloves to prevent skin exposure
- Eye protection: Use chemical safety goggles or a full face shield

- Exposure limits:

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>STEL</u>
Triethylamine	10 ppm	15 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES:

- Form: liquid
- Colour: ---
- Odour: ---
- Change in physical state:
 - Melting point: --- °C
 - Boiling point: about 100 °C
 - Pour point: --- °C
- Density: 25°C --- gr/cm³ DIN 51757
- Mass: --- kg/m³
- Vapour pressure: 25°C --- mbar
- Danger of explosion: ---
- Viscosity: 25°C --- cps
- Solubility in water: soluble
- pH-value: approx. 8
- Flash point: --- °C
- Ignition temperature: --- °C
- Freezing point: --- °C
- Explosion limit:
 - lower: --- Vol%
 - upper: --- Vol%
- Thermal decomposition: ---
- Further information: ---

10 STABILITY AND REACTIVITY

- Conditions to avoid: ---
- Materials to avoid: ---
- Dangerous reactions: No dangerous reactions known.
- Hazardous decomposition products: Carbon monoxide, carbon dioxide, azote oxides

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11 TOXICOLOGICAL INFORMATION

- Acute toxicity:

Triethylamine	DL50 oral	460 mg/kg
	DL50 skin (rabbit)	570 mg/kg
N-methyl-2-pyrrolidone	DL50 oral	3914 mg/kg
	DL50 skin (rabbit)	8 g/kg
- Skin contact: cause skin irritation
- Eye contact: cause eye irritation
- Ingestion: Get medical aid immediately
- Inhalation: ---

12 ECOLOGICAL INFORMATION:

None

13 DISPOSAL CONSIDERATIONS

Diposal of container and unused contents in accordance with federal, state and local requirements.

14 TRANSPORT INFORMATION

- RID/ADR:
- IATA:
- IMO:

15 REGULATORY INFORMATION

- Symbol:
- R-phrases:

36/37/38	Irritating to eyes, respiratory system and skin
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- S-phrases:

36/37/39	Wear suitable protective clothing, glove and eye/face protection
1/2	Keep locked up and out reach of children.
- Water hazard class:

Class 1 (self-assessment):	slightly hazardous for water
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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.