

**01. Identification of substance, preparation and company****Identification of the substance or preparation**

Product name Dipping Lacquer Silver

Product code LAK-00002

Use Candle lacquer for surface decoration of candles

**Identification of the supplier**

Company Gildewerk B.V.  
Jan van Geunsweg 10A  
NL-2031 BD Haarlem  
The Netherlands  
Tel. +31 – (0)23 – 532 22 55  
Fax +31 – (0)23 – 534 09 65  
E-mail holland@gildewerk.com  
www.gildewerk.com

**02. Composition/ information on ingredients****Hazardous components**

AMMONIA SOLUTION ; EC-No. : 215-647-6 ; CAS-No. : 1336-21-6

Percentage : 2,5 - 10 %

Classification : N ; R 50 C ; R 34

2-BUTOXYETHANOL ; EC-No. : 203-905-0 ; CAS-No. : 111-76-2

Percentage : &lt; 2,5 %

Classification : Xn ; R 20/21/22 Xi ; R 36/38

Polyethermodifiziertes Trisiloxan ; CAS-No. : 134180-76-0

Percentage : &lt; 2,5 %

Classification : N ; R 51/53 Xi ; R 41 Xn ; R 20/21 Xi ; R 38

Additive B

Percentage : &lt; 2,5 %

Classification : N ; R 50/53 C ; R 34 Xn ; R 22

**03. Hazards identification****Hazard designation**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification : R 52/53

**04. First-aid measures****General**

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**After inhalation**

Take the casualty into the fresh air and keep warm. Keep at rest. No particular measures required.

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### **After skin contact**

Immediately remove all contaminated clothing. Wash away with soap and water and rinse. Do NOT use solvents or thinners.

### **After eye contact**

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

### **After ingestion**

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

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## **05. Fire-fighting measures**

### **Suitable extinguishing media**

Water. Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.

### **Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged**

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

### **Special protective equipment**

Appropriate breathing apparatus may be required.

### **Additional information**

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

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## **06. Accidental release measures**

### **Personal precautions**

Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8. No particular measures required.

### **Environmental precautions**

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

### **Methods for cleaning up/ collecting**

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents.

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## **07. Handling and storage**

### **Information for safe handling**

Avoid contact with skin and eyes. Do not inhale the vapour. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

### **Information about protection against explosions and fires**

No particular measures required.

### **Requirements to be met by storerooms and containers**

Keep container tightly closed. Never use pressure to empty: container is not a pressure vessel. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Avoid cooling to under 0°C. No anti-explosion measures necessary.

### **Information about separation of incompatible products**

Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

### **Further information about storage conditions**

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep at temperature not exceeding 30°C (to be specified by the manufacturer).

**Storage class (VCI) :** 12

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## Specific uses

Candle lacquer for surface decoration of candles.

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## 08. Exposure controls and personal protection

### Additional information about engineering measures

Provide for sufficient ventilation.

### Components with critical values that require monitoring at the workplace (exposure limits)

AMMONIA SOLUTION ; CAS-No. : 1336-21-6

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )  
Value : 50 ppm / 35 mg/m<sup>3</sup>  
Category : = 1 =  
Remarks : Y  
Version date : 01.03.2002

2-BUTOXYETHANOL ; CAS-No. : 111-76-2

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace ( D )  
Value : 20 ppm / 98 mg/m<sup>3</sup>  
Category : 4  
Remarks : H,Y  
Version date : 01.03.2002

Specification : TRGS 903 - biological workplace tolerance values ( D )  
Parameter : Butoxy acetic acid / urine / in cases of long term exposure after several shifts  
Value : 100 mg/l  
Version date : 01.05.2002

Specification : Short term exposure limit ( EC )  
Value : 50 ppm / 246 mg/m<sup>3</sup>  
Remarks : H  
Version date : 08.06.2000

Specification : threshold limit value ( EC )  
Value : 20 ppm / 98 mg/m<sup>3</sup>  
Remarks : H  
Version date : 08.06.2000

### Personal protective equipment

#### Hand protection

Use protective gloves of PVA (e.g. type 15-554, supplier: Ansell Healthcare Europe N.V.) After washing hands replace lost skin fat by fat containing skin creams.

#### Eye protection

Use safety glasses.

#### Body protection

Wash away with soap and water and rinse.

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## 09. Physical and chemical properties

### Relevant safety data

Boiling point / range : ( 1013 hPa ) > 100 °C  
Flash point : not applicable Brookfield

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<b>Vapour pressure :</b>	( 50 °C )		not applicable		
<b>Density :</b>	( 20 °C )	ca.	1	g/cm <sup>3</sup>	
<b>Solvent-separation test :</b>	( 20 °C )		not applicable		
<b>Flow time :</b>	( 20 °C )	ca.	13	s	DIN-cup 4 mm

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## 10. Stability and reactivity

### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

### Materials to avoid

None known.

### Hazardous decomposition products

None known.

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## 11. Toxicological information

According to our experience no damage to health has appeared even in case of long lasting contact.

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## 12. Ecological information

### Additional ecological information

#### General ecological information

Do not empty into waters or drains.

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## 13. Disposal considerations

### Product

In accordance with local official regulations. Pass on to an appropriate waste dump.

### Contaminated packaging

Remove according to regulations.

#### Waste key

080103 : waste from water-based paints and varnishes

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## 14. Transport information

### Land transport ADR/ RID

#### Classification

Class : -

### Maritime transport IMDG/ GGVSea

#### Classification

IMDG-Code : - -->

### Air transport I CAO-TI and I ATA-DGR

#### Classification

Class : -

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## 15. Regulatory information

### Classification according to EEC directives

#### R-phrases

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**S-phrases**

61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

**National regulatory information****Ordinance for average cases (StörfallIV)****Dangerous ingredients according to StörfallIV**

AMMONIA SOLUTION ; CAS-No. : 1336-21-6

**Regulation on inflammable liquids (VbF)**

VbF-Class : Not dangerous according to VbF

**Emission control act ("TA-Luft")**

Sum organic substances class I : < 5 %

Sum organic substances class III : < 5 %

**Water pollution classification**

Class : 2 according VwVwS

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**16. Other information****Further information**

The details in this material safety data sheet satisfy national and EU legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

**Relevant changes**

02. Hazardous components · 08. Components with critical values that require monitoring at the workplace (exposure limits) · 14. Land transport ADR/RID and GGVS/GGVE (2003) · 15. R-phrases · 15. S-phrases · 15. Emission control act ("TA-Luft")

**R-Phrases of components**

20/21	Harmful by inhalation and in contact with skin
20/21/22	Harmful by inhalation, in contact with skin and if swallowed
22	Harmful if swallowed
34	Causes burns
36/38	Irritating to eyes and skin
38	Irritating to skin
41	Risk of serious damage to eyes
50	Very toxic to aquatic organisms
50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.

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