

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

Product name Dipping Lacquer Ice Silver

Product code LAK-00012

Use Candle lacquer for surface decoration of candles

Identification of the supplier

Company Gildewerk B.V.
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The Netherlands
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02. Composition/information on ingredients**Hazardous components**

Polymer

Percentage : 25 - 50 %

Classification : Xi ; R 36/37/38

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

Percentage : < 2,5 %

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

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

Percentage : < 2,5 %

Classification : N ; R 50 C ; R 34

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

Percentage : < 2,5 %

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

03. Hazards identification**Hazard designation**

Irritating to eyes, respiratory system and skin

Classification : Xi ; R 36/37/38

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. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.

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.

05. Fire-fighting measures**Suitable extinguishing media**

Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media

Waterjet.

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.

06. Accidental release measures**Personal precautions**

Remove ignition sources. Provide for sufficient ventilation. Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8.

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.

07. Handling and storage**Information for safe handling**

Prevent the creation of inflammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the OEL (=Occupational Exposure Limit). Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. No sparking tools should be used. 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

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

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.

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 away from ignition sources - No smoking.

Storage class (VCI) : 12

08. Exposure controls and personal protection

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit) , suitable respiratory protection must be worn.

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

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

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)

Value : 20 ppm / 98 mg/m³

Category : 4

Remarks : H,Y

Version date : 01.05.2004

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 : 31.03.2004

Specification : Short term exposure limit (EC)

Value : 50 ppm / 246 mg/m³

Remarks : H

Version date : 08.06.2000

Specification : threshold limit value (EC)

Value : 20 ppm / 98 mg/m³

Remarks : H

Version date : 08.06.2000

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

Specification : TRGS 900 - maximum limit in the atmosphere at the workplace (D)

Value : 50 ppm / 35 mg/m³

Category : = 1 =

Remarks : Y

Version date : 01.05.2004

Personal protective equipment

Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Hand protection

Solvent-resistant protective gloves must be worn. After washing hands replace lost skin fat by fat containing skin creams.

Eye protection

Use safety glasses.

Body protection

Light protective clothing.

09. Physical and chemical properties

Relevant safety data

Boiling point / range :	(1013 hPa)	>	100	°C	
Flash point :			not applicable		Brookfield
Vapour pressure :	(50 °C)		not applicable		
Density :	(20 °C)		1,0614	g/cm ³	
Solvent-separation test :	(20 °C)		not applicable		
Flow time :	(20 °C)	ca.	13	s	DIN-cup 4 mm

10. Stability and reactivity

Conditions to avoid

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

Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

Experience on practice

Inhalation/eye contact: in high concentrations irritating to the mucous membranes, narcotic effect and influence on power of reaction and loss of coordination possible. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea. In case of contact with the product: danger of resorption through the skin, irritation of skin/mucous membranes. Eye contact: irritation.

Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

Additional ecological information

General ecological information

Do not empty into waters or drains.

13. Disposal considerations

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. Transport information

Land transport ADR/RID

Classification

Class : -

Maritime transport IMDG/GGVSea

Classification

IMDG-Code : -

Air transport ICAO-TI and IATA-DGR

Classification

Class : -

15. Regulatory information

Classification according to EEC directives

Danger symbol and danger designation



Xi ; Irritant

R-phrases

36/37/38 Irritating to eyes, respiratory system and skin

S-phrases

51 Use only in well-ventilated areas.

37 Wear suitable gloves

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

National regulatory information

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 II : < 5 %

Water pollution classification

Class : 2 according VwVwS

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 · 15. Danger symbol and danger designation · 15. R-phrases · 15. S-phrases · 15. Special designation for certain preparations · 15. Dangerous ingredients according to StörfallV · 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
34	Causes burns
36/37/38	Irritating to eyes, respiratory system and skin
36/38	Irritating to eyes and skin
38	Irritating to skin
41	Risk of serious damage to eyes