

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Abdrucklack (Impression Lacquer)

Revision date: 26.02.2021

Product code: 617

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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Abdrucklack (Impression Lacquer)

#### Further trade names

UFI: 0QUW-M0KY-U00E-6EAJ

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Silicone based lacquer for use in audiology.

### 1.3. Details of the supplier of the safety data sheet

|                         |  |                           |
|-------------------------|--|---------------------------|
| Company name:           | DETAX GmbH & Co. KG  |                           |
| Street:                 | Carl-Zeiss-Strasse   |                           |
| Place:                  | D-76275 Ettlingen  |                           |
| Telephone:              | +49 7243/510-0   | Telefax: +49 7243/510-100 |
| e-mail:                 | post@detax.de  |                           |
| Internet:               | www.detax.de   |                           |
| Responsible Department: | Emergency number:  |                           |
|                         | +49 7243/510-0   |                           |
|                         | This number is only obtainable during office hours (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 a.m. - 4.00 p.m.) |                           |
|                         | +49 7243/510-0   |                           |
|                         | This number is only obtainable during office hours (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 - 4.00 p.m.)      |                           |

### 1.4. Emergency telephone number:

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - single exposure: STOT SE 3

Specific target organ toxicity - repeated exposure: STOT RE 2

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Highly flammable liquid and vapour.

Harmful if inhaled.

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

May cause drowsiness or dizziness.

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

#### Regulation (EC) No. 1272/2008

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#### Hazard components for labelling

methylcyclohexane  
xylene  
triacetoxymethylsilane  
dioctyltin-di(acetate)

**Signal word:** Danger**Pictograms:**

#### Hazard statements

H225 Highly flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

#### Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER/doctor.  
P370+P378 In case of fire: Use Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder to extinguish.  
P403+P235 Store in a well-ventilated place. Keep cool.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Polydimethylsiloxane with functional groups in organic solvents.

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#### Hazardous components

| CAS No     | Chemical name   |              |                  | Quantity    |
|------------|---|--------------|------------------|-------------|
|            | EC No   | Index No     | REACH No         |             |
|            | GHS Classification  |              |                  |             |
| 108-87-2   | methylcyclohexane   |              |                  | 30 - < 35 % |
|            | 203-624-3   | 601-018-00-7 |                  |             |
|            | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411  |              |                  |             |
| 1330-20-7  | xylene  |              |                  | 30 - < 35 % |
|            | 215-535-7   | 601-022-00-9 | 01-2119488216-32 |             |
|            | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1, Aquatic Chronic 3; H226 H332 H312 H315 H319 H335 H373 H304 H412 |              |                  |             |
| 4253-34-3  | triacetoxymethylsilane  |              |                  | 1 - < 5 %   |
|            | 224-221-9   |              | 01-2119962266-32 |             |
|            | Acute Tox. 4, Skin Corr. 1C, Eye Dam. 1; H302 H314 H318 EUH014  |              |                  |             |
| 17586-94-6 | dioctyltin-di(acetate)  |              |                  | < 1 %       |
|            | 241-555-0   |              |                  |             |
|            | Acute Tox. 2, Skin Corr. 1A, Eye Dam. 1, STOT SE 2; H330 H314 H318 H371   |              |                  |             |

Full text of H and EUH statements: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

#### After contact with skin

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

#### After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink plenty of water. Seek immediately medical advice. Do not induce vomiting. In case of spontaneous vomiting take care of an unimpeded flow out of the vomit (danger of suffocation).

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.

#### Unsuitable extinguishing media

Water.

### 5.2. Special hazards arising from the substance or mixture

Highly flammable. Vapours can form explosive mixtures with air.

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#### **5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

#### **Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### **6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### **Advice on protection against fire and explosion**

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

Vapours can form explosive mixtures with air.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep container tightly closed. Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well as local exhaust at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### **Hints on joint storage**

Do not store together with: Oxidising agent . Pyrophoric or self-heating substances.

#### **7.3. Specific end use(s)**

Liquid for coating of silicone based ear impressions.

For use by trained specialist staff.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

##### **Exposure limits (EH40)**

| CAS No    | Substance             | ppm | mg/m <sup>3</sup> | fibres/ml | Category      | Origin |
|-----------|-----------------------|-----|-------------------|-----------|---------------|--------|
| 1330-20-7 | Xylene: mixed isomers | 50  | 220               |           | TWA (8 h)     | WEL    |
|           |                       | 100 | 441               |           | STEL (15 min) | WEL    |

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#### Biological Monitoring Guidance Values (EH40)

| CAS No    | Substance                           | Parameter                         | Value        | Test material | Sampling time |
|-----------|-------------------------------------|-----------------------------------|--------------|---------------|---------------|
| 1330-20-7 | Xylene, o-, m-, p- or mixed isomers | methyl hippuric acid (creatinine) | 650 mmol/mol | urine         | Post shift    |

#### 8.2. Exposure controls

##### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

##### Eye/face protection

Suitable eye protection: goggles.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable are gloves of the following material: FKM (fluoro rubber)

##### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing . .

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|                 |                     |
|-----------------|---------------------|
| Physical state: | liquid:             |
| Colour:         | transparent         |
| Odour:          | Xylene/ Acetic acid |

#### Test method

pH-Value: not determined

#### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: >99 °C DIN 51356

Flash point: 3 °C DIN 1523

Sustaining combustion: Not sustaining combustion

#### Flammability

Solid: not applicable

Gas: not applicable

Lower explosion limits: 1,1 vol. %

Upper explosion limits: 6,7 vol. %

#### Auto-ignition temperature

Solid: not applicable

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|                                     |                                  |
|-------------------------------------|----------------------------------|
| Gas:                                | not applicable                   |
| Decomposition temperature:          | not determined                   |
| <b>Oxidizing properties</b>         |                                  |
| Not oxidizing.                      |                                  |
| Vapour pressure:<br>(at 20 °C)      | 48 hPa                           |
| Density (at 20 °C):                 | 0,90 g/cm <sup>3</sup> DIN 51757 |
| Water solubility:                   | insoluble                        |
| <b>Solubility in other solvents</b> |                                  |
| not determined                      |                                  |
| Partition coefficient:              | not determined                   |
| Viscosity / dynamic:<br>(at 23 °C)  | 100 mPa·s CP                     |
| Vapour density:                     | not determined                   |
| Evaporation rate:                   | not determined                   |
| <b>9.2. Other information</b>       |                                  |
| Solid content:                      | not determined                   |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Reacts with : strong oxidising agents. The product may attack some plastic materials.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

### 10.5. Incompatible materials

No information available.

### 10.6. Hazardous decomposition products

The following applies for the silicone content of the product: At temperature of appr. 150°C/ 302 °F a small amount of formaldehyde can be released by oxidative degradation.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Harmful if inhaled.

#### ATEmix calculated

ATE (inhalation aerosol) 4,068 mg/l

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| CAS No     | Chemical name           |                   |         |          |        |
|------------|-------------------------|-------------------|---------|----------|--------|
|            | Exposure route          | Dose              | Species | Source   | Method |
| 108-87-2   | methylcyclohexane       |                   |         |          |        |
|            | oral                    | LD50 > 3200 mg/kg | Rat     | GESTIS   |        |
|            | dermal                  | LD50 86000 mg/kg  | Rabbit  |          |        |
| 1330-20-7  | xylene                  |                   |         |          |        |
|            | oral                    | LD50 3500 mg/kg   | Rat     | GESTIS   |        |
|            | dermal                  | LD50 >1700 mg/kg  | Rabbit  | GESTIS   |        |
|            | inhalation (4 h) vapour | LC50 29,08 mg/l   | Rat     | GESTIS   |        |
|            | inhalation aerosol      | ATE 1,5 mg/l      |         |          |        |
| 4253-34-3  | triacetoxymethylsilane  |                   |         |          |        |
|            | oral                    | LD50 1600 mg/kg   | Rat     | OECD 401 |        |
| 17586-94-6 | dioctyltin-di(acetate)  |                   |         |          |        |
|            | oral                    | LD50 >2000 mg/kg  | Rat     |          |        |
|            | inhalation vapour       | ATE 0,5 mg/l      |         |          |        |
|            | inhalation aerosol      | ATE 0,05 mg/l     |         |          |        |

#### Irritation and corrosivity

Causes skin irritation.

Causes serious eye damage.

#### Sensitising effects

Based on available data, the classification criteria are not met.

#### Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

#### STOT-single exposure

May cause respiratory irritation. (xylene)

May cause drowsiness or dizziness. (methylcyclohexane)

#### STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure. (xylene)

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Additional information on tests

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

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

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| CAS No    | Chemical name            |              |                 |         |  |        |
|-----------|--------------------------|--------------|-----------------|---------|--|--------|
|           | Aquatic toxicity         | Dose         | [h]   [d]       | Species | Source                                 | Method |
| 108-87-2  | methylcyclohexane        |              |                 |         |  |        |
|           | Acute fish toxicity      | LC50<br>mg/l | 58,5            | 96 h    |  | GESTIS |
|           | Acute crustacea toxicity | EC50<br>mg/l | 1,47            | 48 h    | Daphnia magna                          | ECOTOX |
| 1330-20-7 | xylene                   |              |                 |         |  |        |
|           | Acute fish toxicity      | LC50<br>mg/l | 2,661-<br>4,093 | 96 h    | Oncorhynchus mykiss<br>(Rainbow trout) |        |
|           | Acute crustacea toxicity | EC50<br>mg/l | 3,82            | 48 h    |  |        |

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.

#### Partition coefficient n-octanol/water

| CAS No    | Chemical name     | Log Pow |
|-----------|-------------------|---------|
| 108-87-2  | methylcyclohexane | 3,88    |
| 1330-20-7 | xylene            | 3,15    |

#### BCF

| CAS No    | Chemical name | BCF    | Species | Source |
|-----------|---------------|--------|---------|--------|
| 1330-20-7 | xylene        | 0,6-15 |         |        |

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

Not identified as PBT/ vPvB substances

#### 12.6. Other adverse effects

No information available.

#### Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

##### Contaminated packaging

This material and its container must be disposed of as hazardous waste. Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

|  |                |
|--|----------------|
| <b>14.1. UN number:</b>                  | UN 1866        |
| <b>14.2. UN proper shipping name:</b>    | Resin solution |
| <b>14.3. Transport hazard class(es):</b> | 3              |



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|                                    |            |
|------------------------------------|------------|
| <b><u>14.4. Packing group:</u></b> | II         |
| Hazard label:                      | 3          |
| Classification code:               | F1         |
| Limited quantity:                  | 5 L/ 30 kg |
| Hazard No:                         | 33         |
| Tunnel restriction code:           | D/E        |

#### Marine transport (IMDG)

|   |                |
|---|----------------|
| <b><u>14.1. UN number:</u></b>                  | UN 1866        |
| <b><u>14.2. UN proper shipping name:</u></b>    | Resin solution |
| <b><u>14.3. Transport hazard class(es):</u></b> | 3              |
| <b><u>14.4. Packing group:</u></b>              | II             |
| Hazard label:                                   | 3              |
| Marine pollutant:                               | yes            |
| Special Provisions:                             | -              |
| Limited quantity:                               | 5 L/ 30 kg     |
| EmS:  | F-E, S-E       |

#### Other applicable information (marine transport)

Flash point: 3°C c.c.

#### Air transport (ICAO-TI/IATA-DGR)

|   |                |
|---|----------------|
| <b><u>14.1. UN number:</u></b>                  | UN 1866        |
| <b><u>14.2. UN proper shipping name:</u></b>    | Resin solution |
| <b><u>14.3. Transport hazard class(es):</u></b> | 3              |
| <b><u>14.4. Packing group:</u></b>              | II             |
| Hazard label:                                   | 3              |
| Limited quantity Passenger:                     | 1 L/ 30 kg     |
| Passenger LQ:                                   | Y341           |
| IATA-packing instructions - Passenger:          | 353            |
| IATA-max. quantity - Passenger:                 | 5 L            |
| IATA-packing instructions - Cargo:              | 364            |
| IATA-max. quantity - Cargo:                     | 60 L           |

#### Other applicable information (air transport)

Contains: methylcyclohexane, triacetoxymethylsilane

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: yes

#### 14.6. Special precautions for user

Warning: Combustible liquid.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### National regulatory information

|                          |  |
|--------------------------|--|
| Employment restrictions: | Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). |
| Water hazard class (D):  | 2 - obviously hazardous to water   |

#### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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#### SECTION 16: Other information

##### Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

##### Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Flam. Liq. 2; H225      | On basis of test data    |
| Acute Tox. 4; H332      | Calculation method       |
| Skin Irrit. 2; H315     | Calculation method       |
| Eye Dam. 1; H318        | Calculation method       |
| STOT SE 3; H335         | Calculation method       |
| STOT SE 3; H336         | Calculation method       |
| STOT RE 2; H373         | Calculation method       |
| Aquatic Chronic 2; H411 | Calculation method       |

##### Relevant H and EUH statements (number and full text)

|        |  |
|--------|--|
| H225   | Highly flammable liquid and vapour.                                |
| H226   | Flammable liquid and vapour.                                       |
| H302   | Harmful if swallowed.  |
| H304   | May be fatal if swallowed and enters airways.                      |
| H312   | Harmful in contact with skin.                                      |
| H314   | Causes severe skin burns and eye damage.                           |
| H315   | Causes skin irritation.  |
| H318   | Causes serious eye damage.   |
| H319   | Causes serious eye irritation.                                     |
| H330   | Fatal if inhaled.  |
| H332   | Harmful if inhaled.  |
| H335   | May cause respiratory irritation.                                  |
| H336   | May cause drowsiness or dizziness.                                 |
| H371   | May cause damage to organs.  |
| H373   | May cause damage to organs through prolonged or repeated exposure. |
| H411   | Toxic to aquatic life with long lasting effects.                   |
| H412   | Harmful to aquatic life with long lasting effects.                 |
| EUH014 | Reacts violently with water.                                       |

##### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*