1 Identification

- Product identifier
  - Trade name: Easy Glaze
  - Application of the substance / the mixture: Protective coating for surface sealing
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier: VOCO GmbH
    Antonio-Flettner-Str. 1-3
    D-27472 Cuxhaven
  - Information department: Scientific department
    tel. +49 (0)4721-719-0
  - Emergency telephone number: Scientific department
    tel. +49 (0)4721-719-0

2 Hazard(s) identification

Health effects are based on the unmixed/uncured material.
Under FDA regulations this product is classified as a medical device.
Medical devices are exempt from the labelling provisions of GHS according to the Hazard Communication Standard (HCS).

- Classification of the substance or mixture
  - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  - Skin Irrit. 2 H315 Causes skin irritation.
  - Eye Irrit. 2A H319 Causes serious eye irritation.
  - Skin Sens. 1 H317 May cause an allergic skin reaction.

- Label elements
  - Hazard pictograms: GHS02, GHS07
  - Signal word: Danger

- Hazard statements
  - Highly flammable liquid and vapor.
  - Causes skin irritation.
  - Causes serious eye irritation.
  - May cause an allergic skin reaction.

- Precautionary statements
  - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
  - Wear protective gloves / eye protection.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - If skin irritation or rash occurs: Get medical advice/attention.
  - If eye irritation persists: Get medical advice/attention.

- Other hazards
  - Use only for intended scope of application

- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures
  - Description: Mixture of the substances listed below with nonhazardous additions.
**Trade name:** Easy Glaze

### 4 First-aid measures

- **Description of first aid measures**
  - After inhalation: Seek medical treatment in case of complaints.
  - After skin contact: Immediately wash with water and soap and rinse thoroughly.
  - After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
  - After swallowing: If symptoms persist consult doctor.
  - Information for doctor:
    - Most important symptoms and effects, both acute and delayed: No further relevant information available.
    - Indication of any immediate medical attention and special treatment needed: No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
  - Suitable extinguishing agents: CO2, sand, extinguishing powder. Do not use water.
  - For safety reasons unsuitable extinguishing agents: Water with full jet
  - Special hazards arising from the substance or mixture: No further relevant information available.
  - Advice for firefighters
  - Protective equipment: No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  - Dispose contaminated material as waste according to item 13.
  - Ensure adequate ventilation.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
  - Precautions for safe handling
    - For dental use only.
    - Ensure good ventilation/exhaustion at the workplace.
  - Information about protection against explosions and fires:
    - Keep ignition sources away - Do not smoke.
    - Protect against electrostatic charges.
Trade name: Easy Glaze

- Conditions for safe storage, including any incompatibilities
  - Storage:
  - Requirements to be met by storerooms and receptacles: See storage instructions on package
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: Keep receptacle tightly sealed.
  - Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- Control parameters
  - Components with limit 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 lists that were valid during the creation were used as basis.

- Exposure controls
  - Personal protective equipment:
    - General protective and hygienic measures:
      The usual precautionary measures for handling chemicals should be followed.
      Avoid contact with the eyes and skin.
    - Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.
    - Protection of hands:
      Protective gloves

- Material of gloves
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Eye protection: Safety glasses

9 Physical and chemical properties

- Information on basic physical and chemical properties
  - General Information
    - Appearance:
      - Form: Fluid
      - Color: According to product specification
      - Odor: Characteristic
  - pH-value: Not determined.
- Change in condition
  - Melting point/Melting range: Undetermined.
  - Boiling point/Boiling range: Undetermined.
- Flash point: 10 °C (50 °F)
- Auto igniting: Product is not selfigniting.
- Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
- Density at 20 °C (68 °F): 1.12 g/cm³ (9.346 lbs/gal)
10 Stability and reactivity

- Reactivity: No further relevant information available.
- Chemical stability
  - Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
  - Possibility of hazardous reactions: No dangerous reactions known.
  - Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
    - Primary irritant effect:
      - on the skin:
        Testing according to ISO 10993-1/10993-10 showed no skin irritation for this product when fully cured
        Irritant to skin and mucous membranes.
      - on the eye: Irritating effect.
      - Sensitization: Sensitization possible through skin contact.
    - Additional toxicological information:
      The product shows the following dangers according to internally approved calculation methods for preparations:
      Irritant

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    80-62-6 methyl methacrylate 3
    fumed silica 3
    128-37-0 2,6-di-tert-butyl-p-cresol 3
  - NTP (National Toxicology Program)
    None of the ingredients is listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
    - Bioaccumulative potential: No further relevant information available.
    - Mobility in soil: No further relevant information available.
### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

<table>
<thead>
<tr>
<th>DOT, ADR, IMDG, IATA</th>
<th>UN1247</th>
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<tbody>
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<td>UN proper shipping name</td>
<td>Methyl methacrylate monomer, stabilized mixture</td>
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<tr>
<td>DOT</td>
<td>1247 Methyl methacrylate monomer, stabilized mixture</td>
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<tr>
<td>ADR</td>
<td>METHYL METHACRYLATE MONOMER, STABILIZED mixture</td>
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<td>IMDG, IATA</td>
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<td>Transport hazard class(es)</td>
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<td>DOT</td>
<td>Class 3 Flammable liquids</td>
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<td>Label 3</td>
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<td>Class 3 Flammable liquids</td>
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<td>Label 3</td>
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<tr>
<td>Packing group</td>
<td>DOT, ADR, IMDG, IATA</td>
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<td></td>
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<td>Environmental hazards:</td>
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<tr>
<td>Marine pollutant:</td>
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<td>Special precautions for user</td>
<td>Warning: Flammable liquids</td>
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<td>Danger code (Kemler):</td>
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<tr>
<td>EMS Number:</td>
<td>F-E,S-D</td>
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<tr>
<td>Stowage Category</td>
<td>B</td>
</tr>
<tr>
<td>Stowage Code</td>
<td>SW2 Clear of living quarters.</td>
</tr>
</tbody>
</table>
Trade name: Easy Glaze

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **Section 355 (extremely hazardous substances):**
    None of the ingredients are listed.
  - **Section 313 (Specific toxic chemical listings):**
    Contact Voco for more information
    All ingredients are listed.
  - **TSCA (Toxic Substances Control Act):**
    All ingredients are listed.
  - **Proposition 65**
    - **Chemicals known to cause cancer:**
      None of the ingredients are listed.
    - **Chemicals known to cause reproductive toxicity for females:**
      None of the ingredients are listed
    - **Chemicals known to cause reproductive toxicity for males:**
      None of the ingredients are listed
    - **Chemicals known to cause developmental toxicity:**
      None of the ingredients are listed
  - **Cancerogenity categories**
    - **EPA (Environmental Protection Agency)**
      80-62-6 methyl methacrylate  E, NL
    - **TLV (Threshold Limit Value established by ACGIH)**
      80-62-6 methyl methacrylate  A4
      128-37-0 2,6-di-tert-butyl-p-cresol  A4
    - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
      None of the ingredients are listed
- **GHS label elements**
  - The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms** GHS02, GHS07
  - **Signal word** Danger
  - **Hazard statements**
    Highly flammable liquid and vapor.
    Causes skin irritation.
    Causes serious eye irritation.
    May cause an allergic skin reaction.
  - **Precautionary statements**
    Keep away from heat/sparks/open flames/hot surfaces. No smoking.
    Wear protective gloves / eye protection.
    Wear protective clothing.
    If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    If skin irritation or rash occurs: Get medical advice/attention.
4. First-aid measures

4.1. If contacted with the eyes:

If eye irritation persists: Get medical advice/attention.

4.2. If inhaled:

4.3. If swallowed:

4.4. Most important symptoms and effects of exposure, including acute and delayed effects:

4.5. Course of treatment:

5. Fire-fighting measures

5.1. Special灭火剂:

5.2. Special extinguishing methods:

5.3. Special protective equipment:

6. Accidental release measures

6.1. Personal protective equipment:

6.2. Protective equipment for the emergency services:

6.3. Other protective measures:

7. Handling and storage

7.1. Precautions for safe handling:

7.2. Precautions for safe storage:

7.3. Incompatibilities:

8. Exposure control/Personal protection

8.1. Control parameters:

8.2. Exposure limits:

9. Physical and chemical properties

9.1. Physical state:

9.2. Appearance:

9.3. Odour:

9.4. Colour:

9.5. Melting point:

9.6. Boiling point:

9.7. Density:

9.8. Flash point:

9.9. Vapour pressure:

10. Stability and reactivity

10.1. Stability:

10.2. Reactive tendencies:

10.3. Hazardous decomposition products:

10.4. Incompatible materials:

11. Toxicological information

11.1. Toxicological effects:

11.2. Acute toxicity:

11.3. Chronic effects:

11.4. Specific target organ toxicity (single exposure):

11.5. Sensitising properties:

11.6. Carcinogenicity:

11.7. Reproductive toxicity:

11.8. Other hazardous effects:

12. Ecological information

12.1. Persistence and biodegradability:

12.2. Mobility in soil:

12.3. Toxicity to aquatic organisms:

12.4. Toxicity to terrestrial organisms:

12.5. Other ecological effects:

13. Disposal consideration

13.1. Waste treatment methods:

13.2. Disposal to air:

13.3. Disposal to soil:

13.4. Disposal to water:

14. Transport information

14.1. Transport hazard classification and packaging:

14.2. UN number:

14.3. Risk phrases:

14.4. Safety phrases:

14.5. Special offers [P] - Special offers at the border [S]:

14.6. Additional information:

15. Regulatory information

15.1. EU regulation:

15.2. National regulation:

16. Other information

The information contained herein is based on our present knowledge and is believed to be correct at the date
issued. The information is subject to change without notice. However, all information, statements,
recommendations or suggestions shall not constitute any guarantee, representation or warranty, expressed or
implied.

Final determination whether the product is fit and suitable for a particular purpose and the user's method of
use or application is the sole responsibility of the user.

· Department issuing SDS: Scientific department
· Contact: Tel.: +49 (0)4721-719-0
· Date of preparation / last revision 12/15/2016 / 6
· 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
   DOT: US Department of Transportation
   IATA: International Air Transport Association
   ACGIH: American Conference of Governmental Industrial Hygienists
   EINECS: European Inventory of Existing Commercial Chemical Substances
   ELINCS: European List of Notified Chemical Substances
   CAS: Chemical Abstracts Service (division of the American Chemical Society)
   PBT: Persistent, Bioaccumulative and Toxic
   vPvB: very Persistent and very Bioaccumulative
   NIOSH: National Institute for Occupational Safety
   OSHA: Occupational Safety & Health
   TLV: Threshold Limit Value
   PEL: Permissible Exposure Limit
   REL: Recommended Exposure Limit
   Flam. Liq. 2: Flammable liquids – Category 2
   Skin Irrit. 2: Skin corrosion/irritation – Category 2
   Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A
   Skin Sens. 1: Skin sensitisation – Category 1
   STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· * Data compared to the previous version altered.