1 Identification

- Product identifier
- Trade name: GC Inlay Wax HARD
- Relevant identified uses of the substance or mixture and uses advised against
  No further relevant information available.
- Application of the substance / the mixture Auxillary for dental technology
- Details of the supplier of the safety data sheet
  - Manufacturer/Supplier:
    Henry Schein Halas
    44 O’Dea Ave
    Waterloo NSW 2017
    Tel: 1300 65 88 22
- Further information obtainable from: Regulatory affairs

2 Hazard Identification

- Classification of the substance or mixture
  The product is not classified according to the Globally Harmonised System (GHS).
- Label elements
  - GHS label elements Void
  - Hazard pictograms Void
  - Signal word Void
  - Hazard statements Void
  - Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

3 Composition and information on ingredients

- Chemical characterisation: Mixtures
- Description:
  Only substances required to be mentioned according to Annex II of regulation 1907/2006 are listed. Information on the other substances that may be present can be obtained upon request.
- Dangerous components:
  - 8002-74-2 Paraffin waxes and Hydrocarbon waxes 80-90%
- Additional information: For the wording of the listed risk phrases refer to section 16.

4 First Aid Measures

- Description of first aid measures
- General information:
  No special measures required.

(Contd. on page 2)
5 Fire Fighting Measures

· Extinguishing media
· Suitable extinguishing agents:
  CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
· For safety reasons unsuitable extinguishing agents: Water with full jet
· Special hazards arising from the substance or mixture
  Formation of toxic gases is possible during heating or in case of fire.
· Advice for firefighters
· Protective equipment: Wear self-contained respiratory protective device.
· Additional information
  Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Remove persons from danger area.
· Environmental precautions:
  Do not allow product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
  Do not allow to penetrate the ground/soil.
  In case of seepage into the ground inform responsible authorities.
· Methods and material for containment and cleaning up:
  Pick up mechanically.
  Dispose of the material collected according to regulations.
· 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
  Prevent formation of dust.
  Any unavoidable deposit of dust must be regularly removed.
· Information about fire - and explosion protection: Dust can combine with air to form an explosive mixture.
8 Exposure controls and personal protection

- Additional information about design of technical facilities: No further data; see item 7.

- Control parameters

- Ingredients with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>8002-74-2 Paraffin waxes and Hydrocarbon waxes</th>
</tr>
</thead>
<tbody>
<tr>
<td>NES</td>
</tr>
</tbody>
</table>

- Additional information: The lists valid during the making were used as basis.

- Exposure controls

- Personal protective equipment:

- General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals.
  Do not inhale dust / smoke / mist.
  Wash hands before breaks and at the end of work.

- Respiratory protection: Suitable respiratory protective device recommended.

- 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.

- Penetration time of glove material
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection: Safety glasses

9 Physical and chemical properties

- Information on basic physical and chemical properties

- General Information

- Appearance:
  - Form: Solid
  - Colour: According to product specification
  - Odour: Odourless
  - Odour threshold: Not determined.

- pH-value: Not applicable.

- Change in condition
  - Melting point/Melting range: 58 - 62 °C (136 - 144 °F)
  - Boiling point/Boiling range: Undetermined.

- Flash point: Not applicable.
Trade name: GC Inlay Wax HARD

- **Flammability (solid, gaseous):** Not determined.
- **Ignition temperature:** Undetermined.
- **Decomposition temperature:** Not determined.
- **Self-igniting:** Product is not self-igniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Explosion limits:**
  - Lower: Not determined.
  - Upper: Not determined.
- **Vapour pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density:** Not determined.
- **Vapour density:** Not applicable.
- **Evaporation rate:** Not applicable.
- **Solubility in / Miscibility with water:** Insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic: Not applicable.
  - Kinematic: Not applicable.
- **Solvent content:**
  - Organic solvents: 0.0 %
- **Other information**
  - No further relevant information available.

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**
  - **LD/LC50 values relevant for classification:**
    - No further relevant information available.
  - **Primary irritant effect:**
  - **Skin corrosion/irritation**
    - No irritant effect.
  - **Serious eye damage/irritation**
    - No irritating effect.
  - **Respiratory or skin sensitisation**
    - No sensitising effects known.
Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Repeated dose toxicity: No further relevant information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
No further relevant information available.

12 Ecological information

Toxicity
Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behaviour in environmental systems:
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

Additional ecological information:
General notes:
Water hazard class 3 (German Regulation) (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

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

Other adverse effects: No further relevant information available.

13 Disposal considerations

Waste treatment methods
Recommendation: Smaller quantities can be disposed of with household waste.

European waste catalogue
18 00 00 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 01 00 wastes from natal care, diagnosis, treatment or prevention of disease in humans
18 01 06* chemicals consisting of or containing hazardous substances

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number
ADG, ADN, IMDG, IATA: not regulated

UN proper shipping name
ADG, ADN, IMDG, IATA: not regulated
Safety data sheet
according to WHS Regulations

Trade name: GC Inlay Wax HARD

- Transport hazard class(es)
  - ADG, ADN, IMDG, IATA
  - Class: not regulated

- Packing group
  - ADG, IMDG, IATA
  - Packing group: not regulated

- Environmental hazards:
  - Marine pollutant: No

- Special precautions for user
  - Transport in bulk according to Annex II of Marpol and the IBC Code: Not applicable.
  - UN "Model Regulation": not regulated

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture

  - Australian Inventory of Chemical Substances
    8002-74-2 Paraffin waxes and Hydrocarbon waxes
    8015-86-9 Carnauba wax

  - Standard for the Uniform Scheduling of Medicines and Poisons
    None of the ingredients is listed.

  - GHS label elements
    - Hazard pictograms: Void
    - Signal word: Void
    - Hazard statements: Void

  - Directive 2012/18/EU

  - Named dangerous substances - ANNEX I: None of the ingredients is listed.

  - Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

- Department issuing MSDS: Regulatory affairs
- Contact: msds@gceurope.com

  - 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
    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)
    LC50: Lethal concentration, 50 percent
    LD50: Lethal dose, 50 percent
    PBT: Persistent, Bioaccumulative and Toxic
    vPvB: very Persistent and very Bioaccumulative

- Sources
  - ECHA (http://echa.europa.eu/)
  - EnviChem (www.echemportal.org)
· * Data compared to the previous version altered.
This version replaces all previous versions.

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