

Safety data sheet
according to 1907/2006/EC, Article 31

PLANATOL WETZEL

Printing date 03.11.2015

Revision: 03.11.2015

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

- **1.1 Product identifier**
- **Trade name:** **HM 6010**
- **Article number:** 21210
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Product category** PC1 Adhesives, sealants
- **Application of the substance / the mixture** Hotmelt for industrial use
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Planatol Wetzel GmbH
Fabrikstraße 30 - 32
83101 Rohrdorf
Email: info@planatol.de
Tel.: +49 (8031) 720-0
- **Informing department:** Product Safety Department
- **1.4 Emergency telephone number:** Infracerv GmbH & Co. Höchst KG
+49 69 305 6418

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The product is not classified according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards** product is not subject to classification
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** adhesive based on thermoplastic elastomers
- **Dangerous components:** Void

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** After contact with the molten product, cool rapidly with cold water.
Do not pull solidified product away from the skin.
Seek medical treatment.
- **After eye contact** Rinse opened eye for several minutes under running water.

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| <ul style="list-style-type: none"> · After swallowing · 4.2 Most important symptoms and effects, both acute and delayed · Information for doctor · 4.3 Indication of any immediate medical attention and special treatment needed | <p>Rinse out mouth and then drink plenty of water.</p> <p>No further relevant information available. present this safety data sheet</p> <p>No further relevant information available.</p> |
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SECTION 5: Firefighting measures

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| <ul style="list-style-type: none"> · 5.1 Extinguishing media · Suitable extinguishing agents · For safety reasons unsuitable extinguishing agents · 5.2 Special hazards arising from the substance or mixture · 5.3 Advice for firefighters · Protective equipment: · Additional information | <p>CO₂, extinguishing powder, sand or water jet. Fight larger fires with water jet or alcohol-resistant foam.</p> <p>Water with a full water jet.</p> <p>Can be released in case of fire: Carbon monoxide (CO), Carbon dioxide (CO₂) Acetic acids vapours</p> <p>Wear self-contained breathing apparatus. Collect contaminated fire fighting water separately. It must not enter drains.</p> |
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SECTION 6: Accidental release measures

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| <ul style="list-style-type: none"> · 6.1 Personal precautions, protective equipment and emergency procedures · 6.2 Environmental precautions: · 6.3 Methods and material for containment and cleaning up: · 6.4 Reference to other sections | <p>Ensure adequate ventilation No special measures required.</p> <p>Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.</p> |
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SECTION 7: Handling and storage

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| <ul style="list-style-type: none"> · 7.1 Precautions for safe handling · Information about protection against explosions and fires: · 7.2 Conditions for safe storage, including any incompatibilities · Storage · Requirements to be met by storerooms and containers: · Information about storage in one common storage facility: · Further information about storage conditions: | <p>Ensure that suitable extractors are available on processing machines No special measures required.</p> <p>Keep ignition sources away - Do not smoke. Protect against electrostatic charges.</p> <p>No special requirements.</p> <p>Store away from foodstuffs.</p> <p>Store under dry conditions.</p> |
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- **Storage class** 11 (VCI-concept)
- **7.3 Specific end use(s)** No further relevant information available.

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SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** Exhaust or ventilation

· 8.1 Control parameters

- **Components with limit values that require monitoring at the workplace:**

8002-74-2 Paraffin waxes and Hydrocarbon waxes

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| WEL | Short-term value: 6 mg/m ³ Long-term value: 2 mg/m ³ |
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- **Additional information:** The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**
- **Breathing equipment:** Avoid skin contact with the liquefied material.
Not necessary if room is well-ventilated.
- **Protection of hands:** Heat resistant gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves** Strong 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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Wear protective goggles when handling molten product.
- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
 - **Form:** Solid.
 - **Colour:** White
 - **Odour:** Characteristic
 - **Odour threshold:** Not determined.
- **pH-value:** Not determined.

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| · Change in condition | |
| Melting point/Melting range: | ca. 72 °C |
| Boiling point/Boiling range: | Not determined |
| · Flash point: | > 200 °C |
| · Inflammability (solid, gaseous) | Not applicable. |
| · Ignition temperature: | 400 °C |
| · Decomposition temperature: | Not determined. |
| · Self-inflammability: | Product is not selfigniting. |
| · Danger of explosion: | Product is not explosive. |
| · Critical values for explosion: | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| · Oxidising properties | product is not oxidising |
| · Vapour pressure: | Not determined. |
| · Density at 20 °C | ca. 1 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · Evaporation rate | Not determined. |
| · Solubility in / Miscibility with Water: | Not miscible or difficult to mix |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity: | |
| dynamic at 20 °C: | ca. 2500 mPas (ISO 3219) |
| kinematic: | Not determined. |
| · Solvent content: | |
| Organic solvents: | 0.0 % |
| · 9.2 Other information | No further relevant information available. |

SECTION 10: Stability and reactivity

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| · 10.1 Reactivity | |
| · 10.2 Chemical stability | |
| · Thermal decomposition / conditions to be avoided: | Thermal decomposition > 200 °C possible |
| · 10.3 Possibility of hazardous reactions | No dangerous reactions known |
| · 10.4 Conditions to avoid | Avoid overheating |
| · 10.5 Incompatible materials: | No further relevant information available. |
| · 10.6 Hazardous decomposition products: | Carbon monoxide and carbon dioxide Ethanoic acid |

SECTION 11: Toxicological information

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| · 11.1 Information on toxicological effects | |
| · Acute toxicity: | |
| · Primary irritant effect: on the skin: | No irritant effect. |

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- **on the eye:** No irritant effect.
- **Sensitisation:** No sensitizing effect known.
- **Additional toxicological information:** The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** Not easily biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Other information** Do not discharge product uncontrolled into the environment
- **Ecotoxicological effects:**
- **Remark:** If appropriate low concentration are introduced to biological treatment plants no inhibition of the degradation activity of the activated sludge is to be anticipated.
- **Other information:** local water management regulations have to be observed
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller quantities can be disposed with household waste. Disposal according to local regulations.
- **Waste disposal key number:** According to the European waste listing (Europäischer Abfallkatalog EAK), no waste key code can be determined as such a code depends on the individual application of the product by its user. The national and local legal guidelines are to be observed.

· European waste catalogue

| | |
|----------|---|
| 08 00 00 | WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS |
| 08 04 00 | wastes from MFSU of adhesives and sealants (including waterproofing products) |
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 |
| 07 00 00 | WASTES FROM ORGANIC CHEMICAL PROCESSES |
| 07 02 00 | wastes from the MFSU of plastics, synthetic rubber and man-made fibres |
| 07 02 13 | waste plastic |

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- **Uncleaned packagings:**
- **Recommendation:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

SECTION 14: Transport information

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|---|---|
| · 14.1 UN-Number | <i>not applicable</i> |
| · 14.2 UN proper shipping name | <i>not applicable</i> |
| · 14.3 Transport hazard class(es) | <i>not applicable</i> |
| · 14.4 Packing group | <i>not applicable</i> |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | <i>No</i> |
| · 14.6 Special precautions for user | <i>Not applicable.</i> |
| · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | <i>Not applicable.</i> |
| · Transport/Additional information: | <i>Not dangerous according to the above specifications.</i> |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture** *No further relevant information available.*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

SECTION 16: Other information

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.

- **Department issuing data specification sheet:** *Planatol Wetzel GmbH
info@planatol.de*
- **Contact:** *S.O.*
- **Abbreviations and acronyms:** *GHS: Globally Harmonised 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 (division of the American Chemical Society)*
- *** Data compared to the previous version altered.**