



1 Identification of the substance / preparation and of the company

PhenoCure

Article number: 112002-112009, 112031-112036

| | |
|----------------------|--|
| Use: | Compression Mounting Compound |
| Identified use: | none |
| Method of operation: | See product information. |
| Company: | Buehler GmbH In der Steele 2 D-40599 Düsseldorf / GERMANY Phone: 0800 707 6273 Fax: 0800 707 6274 Homepage: www.buehler-met.de/en/ E-mail: sales@buehler.co.uk |
| Emergency phone: | 0800 707 6273 (Only valid if dialled within the UK) +49 (0) 211 974100 |
| Responsible: | Schroeder@chemiebuero.de |

2 Hazards identification

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|---------------------------|---|
| Physico-chemical hazards: | In the supplied form the product is not explosive at all ; however the build-up of fine dust can lead to a risk of dust explosions. |
| Human health dangers: | See chapter 11. No particular hazards known. |
| Other hazards: | none |
| Hazard symbols: | none |
| R-phrases: | none |

3 Composition / Information on ingredients

| Range [%] | Substance |
|-----------|--|
| < 10 | Methenamine |
| | CAS: 100-97-0, EINECS/ELINCS: 202-905-8 EU-INDEX: 612-101-00-2 ECB-Nr.: |
| | GHS/CLP: Flam. Sol. 2, Skin Sens. 1, H228, H317 |
| | EEC: F-Xn, R11-43 |
| < 0,5 | Phenol |
| | CAS: 108-95-2, EINECS/ELINCS: 203-632-7 EU-INDEX: 604-001-00-2 ECB-Nr.: |
| | GHS/CLP: Muta. 2, Acute Tox. 3, STOT SE 2, Skin Corr. 1B, H341, H331, H311, H301, H373, H314 |
| | EEC: T-C-Xn-MutaCat.3, R23/24/25-34-48/20/21/22-68 |

Comment on component parts: Substances of Very High Concern - SVHC: substances are not contained or below 0,1%.
For the wording of the listed risk phrases refer to section 16.

4 First aid measures

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| General information: | none |
| Inhalation: | Ensure supply of fresh air. In the event of symptoms seek for medical treatment. |
| Skin contact: | In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists. |
| Eye contact: | In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice. |
| Ingestion: | not applicable |
| Advice to doctor: | Treat symptomatically. |

5 Fire-fighting measures

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| Suitable extinguishing media: | Carbon dioxide. Water spray jet. Dry powder. Foam. |
| Extinguishing media that must not be used: | Full water jet. |
| Special exposure hazards arising from the substance or preparation itself or combustion products: | Unknown risk of formation of toxic pyrolysis products. |
| Special protective equipment for firefighters: | Use self-contained breathing apparatus. |
| Additional information: | Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. |

6 Accidental release measures

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| Personal precautions: | Avoid dust formation. |
| Environmental precautions: | Do not discharge into the drains/surface waters/groundwater. |
| Methods for cleaning up: | Take up mechanically. Avoid raising dust. Dispose of absorbed material in accordance with the regulations. |

7 Handling and storage

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| Advice on safe handling: | Use only in well-ventilated areas. Avoid the formation and deposition of dust. |
| Advice on protection against fire and explosion: | Dust can form an explosive mixture with air. Take precautionary measures against static discharges. Keep away from all sources of ignition - Refrain from smoking. |
| Requirements for storage rooms and vessels: | Keep only in original container. |
| Advice on storage compatibility: | No special measures necessary. |
| Further information on storage conditions: | Keep container tightly closed. Store in a dry place. |

8 Exposure controls / personal protection

Additional advice on system design: Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (GB)

| Range [%] | Substance / WEL: Workplace exposure limit |
|-----------|--|
| < 0,5 | Phenol / 2 ppm, 7,8 mg/m ³ , EC, skin; BEI: 250 mg/g (B,NS) |

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| Respiratory protection: | not applicable |
| Hand protection: | Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information. |
| Eye protection: | Safety glasses. |
| Skin protection: | not applicable |
| General protective measures: | Avoid contact with eyes and skin. Do not inhale dust. |
| Hygiene measures: | Wash hands before breaks and after work. Use barrier skin cream. |
| Delimitation and monitoring of the environmental exposition: | not determined |



9 Physical and chemical properties

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|---|---------------------|
| Form: | granules |
| Color: | various |
| Odor: | characteristic |
| pH-value: | not applicable |
| pH-value [1%]: | not applicable |
| Boiling point [°C]: | not applicable |
| Flash point [°C]: | not applicable |
| Flammability [°C]: | not determined |
| Lower explosion limit: | not determined |
| Upper explosion limit: | not determined |
| Oxidizing properties: | no |
| Vapour pressure [kPa]: | not determined |
| Density [g/ml]: | not determined |
| Bulk density [kg/m³]: | 450-800 |
| Solubility in water: | virtually insoluble |
| Partition coefficient [n-octanol/water]: | not determined |
| Viscosity: | not applicable |
| Relative vapour density determined in air: | not applicable |
| Evaporation speed: | not applicable |
| Melting point [°C]: | > 100 |
| Autoignition temperature [°C]: | > 450 |
| Decomposition temperature: | not determined |

10 Stability and reactivity

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| Hazardous reactions: | Accumulation of fine dust may entail the risk of a dust explosion in the presence of air. |
| Hazardous decomposition products: | Possible in traces: Formaldehyde. Ammonia. |

11 Toxicological information

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| Acute oral toxicity: | not determined |
| Acute dermal toxicity: | not determined |
| Acute inhalational toxicity: | not determined |
| Irritant effect on eye: | Slight irritant effect - does not require labelling. |
| Irritant effect on skin: | Non-irritant. |
| Sensitization: | Non-sensitizing. |
| Subacute toxicity: | not determined |
| Chronic toxicity: | not determined |
| Mutagenicity: | not determined |
| Reproduction toxicity: | not determined |
| Carcinogenicity: | not determined |
| Experiences made in practice: | none |
| General remarks: | No classification due to toxicological investigations. |

12 Ecological information

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| Fish toxicity: | not determined |
| Daphnia toxicity: | not determined |
| Behaviour in environment compartments: | not determined |
| Behaviour in sewage plant: | not determined |
| Bacteria toxicity: | not determined |
| Biological degradability: | not determined |
| COD: | not determined |
| BOD 5: | not determined |
| AOX-advice: | not determined |
| 2006/11/EC: | not determined |
| General information: | No classification on the basis of the calculation procedure of the preparation directive. |

13 Disposal considerations

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| Product: | Coordinate disposal with the authorities if necessary. |
| Contaminated packaging: | Uncontaminated packaging may be taken for recycling. |
| Waste no. (recommended): | 070213 |

14 Transport information

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| Classification according to ADR: | NO DANGEROUS GOODS |
| Classification according to IMDG: | NOT CLASSIFIED AS "DANGEROUS GOODS" |
| Classification according to IATA: | NOT CLASSIFIED AS "DANGEROUS GOODS" |

15 Regulatory information

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| Exposure scenario: | not determined |
| Chemical safety report: | not determined |
| Labelling: | The product does not require a hazard warning label in accordance with EC-directives. |
| Hazard symbols: | none |
| R-phrases: | none |
| S-phrases: | none |
| Special labelling: | Safety data sheet available for professional user on request. |
| EEC-REGULATIONS: | 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG) |
| TRANSPORT-REGULATIONS: | DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010). |
| NATIONAL REGULATIONS (GB): | EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4 |
| Authorisation, TITEL VII: | not applicable |
| Restrictions, TITEL VIII: | not applicable |

16 Other informations

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| R-phrases (Chapter 03): | R 11: Highly flammable. R 43: May cause sensitisation by skin contact. R 23/24/25: Toxic by inhalation, in contact with skin and if swallowed. R 34: Causes burns. R 48/20/21/22: Harmful - danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed. R 68: Possible risk of irreversible effects. |
| Hazard statements (Chapter 03): | H228 Flammable solid. H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H331 Toxic if inhaled. H311 Toxic in contact with skin. H301 Toxic if swallowed. H373 May cause damage to organs through prolonged or repeated exposure. H314 Causes severe skin burns and eye damage. |
| Observe employment restrictions for people: | no |
| VOC (1999/13/CE): | not applicable |

Safety Data Sheet 1907/2006/EC - REACH (GB)

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