




## 1 Identification of the substance / preparation and of the company

### PhenoCure Black - PreMolds Black Article number: 20-3100-xxx, 20-311x-xxx

<b>Use:</b>	See product information.
<b>Identified use:</b>	none
<b>Method of operation:</b>	See product information.
<b>Company:</b>	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
<b>Emergency phone:</b>	0800 707 6273 (Only valid if dialled within the UK) +49 (0) 211 974100
<b>Responsible:</b>	Schroeder@chemiebuero.de

## 2 Hazards identification

<b>Physico-chemical hazards:</b>	See chapter 10.
<b>Other hazards:</b>	none
<b>Hazard symbols:</b>	 Harmful
<b>R-phrases:</b>	R 36/38: Irritating to eyes and skin. R 68: Possible risk of irreversible effects.

## 3 Composition / Information on ingredients

Range [%]	Substance
10 - 30	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) CAS: 14807-96-6, EINECS/ELINCS: 238-877-9 EU-INDEX: ECB-Nr.: GHS/CLP: - EEC: , R
5 - 10	Carbon Black CAS: 1333-86-4, EINECS/ELINCS: 215-609-9 EU-INDEX: ECB-Nr.: GHS/CLP: - EEC: , R
1 - < 3	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

<b>General information:</b>	Remove contaminated soaked clothing immediately and dispose of safely.
<b>Inhalation:</b>	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
<b>Skin contact:</b>	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
<b>Eye contact:</b>	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
<b>Ingestion:</b>	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.
<b>Advice to doctor:</b>	Treat symptomatically.

## 5 Fire-fighting measures

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

## 6 Accidental release measures

<b>Personal precautions:</b>	Use personal protective clothing. Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not discharge into the drains/surface waters/groundwater.
<b>Methods for cleaning up:</b>	Take up mechanically. Avoid raising dust. Dispose of absorbed material in accordance with the regulations.

## 7 Handling and storage

<b>Advice on safe handling:</b>	Vacuuming in situ required. Avoid the formation and deposition of dust. Dust deposits that cannot be avoided must be taken up regularly.
<b>Advice on protection against fire and explosion:</b>	No special measures necessary.
<b>Requirements for storage rooms and vessels:</b>	Keep only in original container.
<b>Advice on storage compatibility:</b>	Do not store together with oxidizing agents. Do not store with alkalies.
<b>Further information on storage conditions:</b>	Keep container tightly closed. Keep container in a well-ventilated place. Protect from heat/overheating.

## 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
5 - 10	Carbon Black / - ppm, 3,5 mg/m <sup>3</sup> , -
10 - 30	Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) / - ppm, 1 mg/m <sup>3</sup> , respirable dust
1 - < 3	Phenol / 2 ppm, 7,8 mg/m <sup>3</sup> , EC, skin; BEI: 250 mg/g (B,NS)

**Respiratory protection:** Breathing apparatus in the event of high concentrations.

Short term: filter apparatus, combination filter A-P2.

**Hand protection:**

Viton, >480 min (EN 374).

The details concerned are recommendations. Please contact the glove supplier for further information.

**Eye protection:**

safety glasses

**Skin protection:**

Light protective clothing of plastic material.

**General protective measures:**

Avoid contact with eyes and skin.

Do not inhale vapours.

Do not inhale dust.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

**Hygiene measures:**

Do not eat, drink, smoke or take drugs at work.

Remove contaminated soaked clothing immediately and dispose of safely.

After worktime and before work breaks the affected skin areas must be thoroughly cleaned.

Use barrier skin cream.

**Delimitation and monitoring of the environmental exposition:**

not determined

## 9 Physical and chemical properties

<b>Form:</b>	solid
<b>Color:</b>	black
<b>Odor:</b>	characteristic
<b>pH-value:</b>	not applicable
<b>pH-value [1%]:</b>	not applicable
<b>Boiling point [°C]:</b>	82-204
<b>Flash point [°C]:</b>	not applicable
<b>Flammability [°C]:</b>	not determined
<b>Lower explosion limit:</b>	not determined
<b>Upper explosion limit:</b>	not determined
<b>Oxidizing properties:</b>	no
<b>Vapour pressure [kPa]:</b>	not determined
<b>Density [g/ml]:</b>	1,84 (20°C / 68,0°F)
<b>Bulk density [kg/m<sup>3</sup>]:</b>	not determined
<b>Solubility in water:</b>	virtually insoluble
<b>Partition coefficient [n-octanol/water]:</b>	not determined
<b>Viscosity:</b>	not applicable
<b>Relative vapour density determined in air:</b>	not determined
<b>Evaporation speed:</b>	< 1
<b>Melting point [°C]:</b>	not determined
<b>Autoignition temperature [°C]:</b>	not determined
<b>Decomposition temperature:</b>	not determined

## 10 Stability and reactivity

**Hazardous reactions:** Reactions with strong alkalis and oxidizing agents.

**Hazardous decomposition products:** No hazardous decomposition products known.



### 11 Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
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:	Toxicological data are not available. The product was classified on the basis of the calculation procedure of the preparation directive.

### 12 Ecological information

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 applicable
2006/11/EC:	not applicable
General information:	No classification on the basis of the calculation procedure of the preparation directive.

### 13 Disposal considerations


Product:	Coordinate disposal with the authorities if necessary. Disposal in an incineration plant in accordance with the regulations of the local authorities.
Contaminated packaging:	Packaging that cannot be cleaned should be disposed of as for product. Uncontaminated packaging may be taken for recycling.
Waste no. (recommended):	070208*

### 14 Transport information

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

<b>Exposure scenario:</b>	not determined
<b>Chemical safety report:</b>	not determined
<b>Labelling:</b>	The product is classified and labelled in accordance within EC-directives.
<b>Hazard symbols:</b>	 Harmful
<b>Contains:</b>	Phenol
<b>R-phrases:</b>	R 36/38: Irritating to eyes and skin. R 68: Possible risk of irreversible effects.
<b>S-phrases:</b>	S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S 36/37: Wear suitable protective clothing and gloves.
<b>Special labelling:</b>	none
<b>EEC-REGULATIONS:</b>	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
<b>TRANSPORT-REGULATIONS:</b>	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2005 Workplace exposure limits with amendments October 2007. CHIP 3/ CHIP 4
<b>Authorisation, TITEL VII:</b>	not applicable
<b>Restrictions, TITEL VIII:</b>	not applicable

## 16 Other informations

<b>R-phrases (Chapter 03):</b>	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.
<b>Hazard statements (Chapter 03):</b>	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.
<b>Observe employment restrictions for people:</b>	yes
<b>VOC (1999/13/CE):</b>	< 3 %
<b>648/2004/CE</b>	not applicable

Disclaimer: This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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