



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

### BUEHLER DIALLYL PHTHALATE GLASS, DIALLYL PHTHALATE MINERAL

Article number: 20-3330-080, 20-3340-080

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

Physico-chemical hazards:	See chapter 10.
Human health dangers:	No particular hazards known.
Environmental hazards:	No particular hazards known.
Other hazards:	none
Hazard symbols:	none
R-phrases:	none

## 3 Composition / Information on ingredients

Range [%]	Substance
1 - <3	Titanium dioxide
	CAS: 13463-67-7, EINECS/ELINCS: 236-675-5 EU-INDEX: ECB-Nr.:
	GHS/CLP: -
	EEC: , R
> 1	Silicon dioxide
	CAS: 112945-52-5, EINECS/ELINCS: 231-545-4 EU-INDEX: ECB-Nr.:
	GHS/CLP: -
	EEC:
0,1 - 1	Carbon Black
	CAS: 1333-86-4, EINECS/ELINCS: 215-609-9 EU-INDEX: ECB-Nr.:
	GHS/CLP: -
	EEC: , R

Comment on component parts: Substances of Very High Concern - SVHC: substances are not contained or below 0,1%.

## 4 First aid measures

General information:	none
Inhalation:	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
Skin contact:	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek for medical treatment.
Ingestion:	Seek medical advice immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.
Advice to doctor:	Treat symptomatically.



## 5 Fire-fighting measures

<b>Suitable extinguishing media:</b>	Water spray jet. Carbon dioxide. Dry powder. Foam.
<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.
<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>	Avoid dust formation. Ensure adequate ventilation.
<b>Environmental precautions:</b>	not applicable
<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>	Avoid the formation and deposition of dust. Provide vacuuming if dust raised.
<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>	No special measures necessary.
<b>Further information on storage conditions:</b>	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
1 - <3	Titanium dioxide / - ppm, 4 mg/m <sup>3</sup> , respirable dust; 10 mg/m <sup>3</sup> -total inhalable
0,1 - 1	Carbon Black / - ppm, 3,5 mg/m <sup>3</sup> , -
> 1	Silicon dioxide / - ppm, 6 mg/m <sup>3</sup> , respirable dust

<b>Respiratory protection:</b>	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter P1.
<b>Hand protection:</b>	Butyl rubber, >120 min (EN 374). The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	not applicable
<b>General protective measures:</b>	Avoid contact with eyes. Do not inhale dust.
<b>Hygiene measures:</b>	Wash hands before breaks and after work. Use barrier skin cream.
<b>Delimitation and monitoring of the environmental exposition:</b>	not determined



## 9 Physical and chemical properties

<b>Form:</b>	granules Flakes
<b>Color:</b>	not determined
<b>Odor:</b>	odourless
<b>pH-value:</b>	not applicable
<b>pH-value [1%]:</b>	not applicable
<b>Boiling point [°C]:</b>	not determined
<b>Flash point [°C]:</b>	316
<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 applicable
<b>Density [g/ml]:</b>	1,75 (20°C / 68,0°F)
<b>Bulk density [kg/m³]:</b>	not determined
<b>Solubility in water:</b>	insoluble
<b>Partition coefficient [n-octanol/water]:</b>	not determined
<b>Viscosity:</b>	not applicable
<b>Relative vapour density determined in air:</b>	not applicable
<b>Evaporation speed:</b>	not applicable
<b>Autoignition temperature [°C]:</b>	not determined
<b>Decomposition temperature:</b>	not determined

## 10 Stability and reactivity

<b>Hazardous reactions:</b>	Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.
<b>Hazardous decomposition products:</b>	No hazardous decomposition products known.

## 11 Toxicological information

<b>Acute oral toxicity:</b>	not determined
<b>Acute dermal toxicity:</b>	not determined
<b>Acute inhalational toxicity:</b>	not determined
<b>Irritant effect on eye:</b>	not determined
<b>Irritant effect on skin:</b>	not determined
<b>Sensitization:</b>	not determined
<b>Subacute toxicity:</b>	not determined
<b>Chronic toxicity:</b>	not determined
<b>Mutagenicity:</b>	not determined
<b>Reproduction toxicity:</b>	not determined
<b>Carcinogenicity:</b>	not determined
<b>Experiences made in practice:</b>	none
<b>General remarks:</b>	No classification on the basis of the calculation procedure of the preparation directive.

## 12 Ecological information

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



### 13 Disposal considerations

<b>Product:</b>	Coordinate disposal with the authorities if necessary. Disposal in an incineration plant in accordance with the regulations of the local authorities.
<b>Contaminated packaging:</b>	Uncontaminated packaging may be taken for recycling.
<b>Waste no. (recommended):</b>	070213

### 14 Transport information

<b>Classification according to ADR:</b>	NO DANGEROUS GOODS
<b>Classification according to IMDG:</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
<b>Classification according to IATA:</b>	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 does not require a hazard warning label in accordance with EC-directives.
<b>Hazard symbols:</b>	none
<b>R-phrases:</b>	none
<b>S-phrases:</b>	none
<b>Special labelling:</b>	Safety data sheet available for professional user on request.
<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>Observe employment restrictions for people:</b>	no
<b>VOC (1999/13/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.

Copyright: Chemiebüro®