

# Material Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 59973 Polycarbonate filler 0,75

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Revised edition: 17.12.2010

Version: 1

Printed: 04.08.2015

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Polycarbonate filler 0,75

*Article No.:* 59973

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*Filler*

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.de

*E-Mail:* info@kremer-pigmente.de

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to EC Regulation 1272/2008*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Classification according to EC Regulation No. 67/548 or No. 1999/45*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to EC Regulation 1272/2008*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

**Other Hazards**

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2.3.

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### 3. Composition/Information on Ingredients

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* Bisphenol and phosgene copolymer, possibly with color pigments.

*Hazardous Ingredients:*

*Additional information:*

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### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*Take affected persons out into the fresh air.*

*After inhalation:*

*Supply fresh air.*

*After skin contact:*

*Wash with plenty of water and soap. Remove contaminated clothing and shoes.*

*After eye contact:*

*Rinse open eye for several minutes under running water.  
Seek medical attention if irritation persists.*

*After ingestion:*

*Rinse mouth with water and drink plenty of water.  
If symptoms persist consult physician.*

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

#### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*No further information available.*

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### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Foam, carbon dioxide (CO<sub>2</sub>), extinguishing powder, water.*

*Unsuitable extinguishing media:*

*None known.*

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*Combustible material.*

*In case of fire: formation of carbon oxides, toxic gases/vapors.*

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### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear suitable protective clothing.*

*Wear self-contained respiratory protective device.*

*Further information:*

*Contaminated extinguishing water and debris should be disposed of according to local regulations.*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Wear protective clothing.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Remove spilled product from ground.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Take up mechanically and collect in suitable containers for disposal.*

### 6.4. Reference to other Sections

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*No special measures required.*

*Avoid formation of dust.*

*Hygienic measures:*

*Do not eat or drink during work. Do not smoke.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in a cool and dry place.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion protection:*

*Avoid dust formation.*

*Dust may form an explosive mixture with air.*

*Storage class (VCI):*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

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## 8. Exposure Controls/Personal Protection

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### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TWA-Value: 3 mg/m<sup>3</sup> air-borne fraction (general dust limit; 8h)*

*TWA-Value: 10 mg/m<sup>3</sup> general dust limit inhalable fraction (8h)*

*Parameters to be controlled (EC):*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Provide adequate ventilation/exhaust system.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*Dust mask.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Eye protection:*

*Safety glasses (EN 166)*

*Body protection:*

*Environmental precautions:*

*Prevent from getting into the soil, surface water and sewage system.*

## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

*Form: granules*

*Color: clear-transparent*

*Odor: neutral*

*Odor threshold: No information available.*

*pH-Value: not available*

*Melting temperature: ca. 140°C*

*Boiling temperature: not applicable*

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Flash point:	> 450°C
Evaporation rate:	not applicable
Flammability (solid, gas):	> 550°C
Upper explosion limit:	no information available
Lower explosion limit:	no information available
Vapor pressure:	not applicable
Vapor density:	No information available.
Density:	> 1 kg/dm <sup>3</sup>
Solubility in water:	insoluble
Coefficient of variation (n-Octanol/Water):	not determined
Auto-ignition temperature:	not applicable
Decomposition temperature:	> 420°C
Viscosity, dynamic:	not applicable
Explosive properties:	not applicable
Oxidizing properties:	No information available.
Bulk density:	0.5 - 0.8 kg/dm <sup>3</sup>

### 9.2. Further Information

Solubility in solvents:  
Viscosity, kinematic  
Burning class:  
Solvent content:  
Solid content:  
Particle size:  
Other information:

No further information.

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## 10. Stability and Reactivity

### 10.1. Reactivity

Stable if used according to specifications.

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### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*No information available.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid overheating.*

*Thermal decomposition:*

*> 420°C*

### 10.5. Incompatible Materials

*No information available.*

### 10.6. Hazardous Decomposition Products

*In case of fire: formation of carbon oxides and other toxic gases and vapors.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11. 1. Information on Toxicological Effects

*No toxicity expected.*

*Acute Toxicity*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*No irritant effect known.*

*Inhalation:*

*No irritant effect known.*

*Ingestion:*

*No irritant effect known.*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No mutagenic effects known.*

*Reproductive toxicity:*

*No negative effects known.*

*Cancerogenity:*

*No negative effects.*

*Teratogenicity:*

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*No information available.*

*Specific target organ toxicity (STOT):*

*No negative effects.*

*Additional toxicological information:*

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### 12. Ecological Information

#### 12.1. Aquatic Toxicity

*No toxicity expected.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

#### 12.2. Persistency and Degradability

*Not readily biodegradable.*

#### 12.3. Bioaccumulation

*No information available.*

#### 12.4. Mobility

*No information available.*

#### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

#### 12.6. Other Adverse Effects

*Water hazard class:*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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### 13. Disposal Considerations

#### 13.1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Packaging may be disposed of in the same manner as the product.*

*Waste Code No.:*

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### 14. Transport Information

#### 14.1. UN Number

*ADR, IMDG, IATA*

#### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

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*IMDG/IATA:*

*No hazardous goods according to IMDG.*

### 14. 3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel no.:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14. 4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14. 5. Environmental Hazards

*None*

### 14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14. 7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

### 14. 8. Further Information

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## 15. Regulatory Information

### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*no information available*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment is not necessary for this product.*

### 15. 3. Further Information

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## 16. Other Information

*This product should be stored, handled and used in accordance*

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*with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*