

# Safety Data Sheet

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



## 63641 Cekol® 700, Paint Glue

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Revised edition: 04.08.2023

Version: 1.3

Printed: 05.03.2024

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

#### 1.1. Product Identifier

*Product Name:* Cekol® 700, Paint Glue

*Article No.:* 63641

*UFI:* --

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

*Identified uses:*

*Stabilizer, thickener, food additive, cosmetic and pharmaceutical applications*

*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.com](http://www.kremer-pigmente.com)

*E-Mail:* [info@kremer-pigmente.com](mailto:info@kremer-pigmente.com)

*Importer:* --

#### 1.4. Emergency No.

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

#### 1.4.2 Poison Center:

### 2. Hazards Identification

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

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

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

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*Dust can form an explosive mixture with air.*

### Composition/Information on Ingredients

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**3.**

3.1.      **Substance**

*This product is a substance: see details under 3.2.*

3.2.      **Mixture**

*Chemical Characterization:*

*Information on Components / Hazardous Ingredients:*

Sodium carboxymethylcellulose	CAS-Nr: 9004-32-4
	EINECS-Nr: 618-378-8
	EC-Nr:

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*Additional information:*

*Exempted from the mandatory REACH Registration.*

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## 4.      **First Aid Measures**

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

*General information:*

*Remove contaminated clothes immediately.*

*After inhalation:*

*Supply fresh air.*  
*Supply fresh air and keep patient calm.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*  
*Wash contaminated clothing before reuse.*

*After eye contact:*

*Immediately flush open eyes with plenty of water.*  
*Remove contact lens.*  
*Protect unharmed eye.*

*After ingestion:*

*Rinse mouth with 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:*

*Treat symptomatically.*

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## 5.      **Fire-Fighting Measures**

### 5.1.      **Extinguishing Media**

*Suitable extinguishing media:*

*Water mist, extinguishing powder, foam, carbon dioxide.*

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*Unsuitable extinguishing media:*

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

*Special hazards:*

*In case of fire: formation of carbon oxides and smoke.  
Combustible dust may form combustible (explosive) dust-air mixtures.*

### 5.3.      Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device and protective clothing.*

*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:*

*Together with water product causes slippery surfaces.  
Avoid formation of dust, wear protective clothing.*

### 6.2.      Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soils, drains and surface water.*

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

*Methods and material:*

*Large Spill: Do not sweep dry dust. Wet dust with water before sweeping or use a vacuum to collect dust.  
Small Spill: Vacuum or sweep material and place in disposal container.*

### 6.4.      Reference to other Sections

*Protective clothing, see Section 8.  
Dispose of contaminated material according to Section 13.*

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## 7.      Handling and Storage

### 7.1.      Precautions for Safe Handling

*Instructions on safe handling:*

*Provide adequate ventilation.  
Avoid formation and deposition of dust. Provide adequate ventilation.*

*Hygienic measures:*

*Do not inhale dust. Wash hands before breaks and at the end of work.  
Remove product from eyes, skin and clothes.*

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

*Storage conditions:*

*Store in a cool and dry place.*

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*Requirements for storage areas and containers:*

*Keep container tightly closed.*

*Information on fire and explosion protection:*

*Dust may form an explosive mixture with air.*

*Keep away from sources of heat and ignition - do not smoke.*

*Take measures to prevent electrostatic discharge.*

*Ensure electrical continuity by bonding and grounding (earthing) all equipment.*

*ST1 Capable of dust explosion*

*Storage class:*

*11; Combustible solids (TRGS 510)*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

*No further information available.*

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TRGS 900*

*TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)*

*TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)*

*Peak limit category II (2)*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Ensure adequate ventilation, especially in confined areas.*

*Personal Protection*

*General protective measures:*

*Do not inhale dust. Do not eat, drink or smoke while working.  
Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*In case of formation of dust.*

*Recommended: filter P2*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

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*Eye protection:*

*Chemical splash goggles (EN 166).*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

## 9. Physical and Chemical Properties

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

*Form:* powder

*Color:* whitish

*Odor:* odorless

*Odor threshold:*  
no information available

*pH-Value:* 6.5 - 8.0 (1 % H<sub>2</sub>O)

*Melting temperature:*  
not applicable

*Boiling temperature:*  
not available

*Flash point:*  
not applicable

*Evaporation rate:*  
No information available.

*Flammability (solid, gas):*  
Flammable solid, category 1  
Formation of combustible dust/air mixtures possible during use.

*Upper explosion limit:*  
no information available

*Lower explosion limit:* min. 125 g/m<sup>3</sup>

*Vapor pressure:*  
not applicable

*Vapor density:*  
No information available.

*Density:* 1.6 g/cm<sup>3</sup> (20°C)

*Solubility in water:* soluble

*Coefficient of variation (n-Octanol/Water):*  
no information available

*Auto-ignition temperature:*  
not applicable

*Decomposition temperature:* 240°C

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*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Risk of dust explosion (Category ST1).*

*Oxidizing properties:*

*No oxidizing properties*

*Bulk density:*

*400 - 880 kg/m<sup>3</sup>*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*5*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*Minimal explosive dust concentration: 60 g/m<sup>3</sup>*

*Dust explosion value (Kst): < 200 m.b./s*

*Minimum ignition energy: > 500 mJ*

## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Dust can form explosive mixtures with air.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid formation of dust.*

*Avoid contact with heat, sparks and open fire.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*Strong oxidizing agents.*

### 10.6. Hazardous Decomposition Products

*None known.*

### 10.7. Further Information

## 11. Toxicological Information

### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*Acute Toxicity*

*No information available.*

*LD50, oral:*

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*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No relevant data found.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Aspiration hazard:*

*No information available.*

### 11.2. Information on other Hazards

*Endocrine Disrupting Properties:*

*This substance/mixture does not contain any components with endocrine disrupting properties in a percentage of 0.1 or greater, according to Article 57(f) of the REACH Regulation (EC) No. 1907/2006 or the Delegated Regulation (EC) 2017/2100 or the Delegated Regulation (EC) 2018/605.*

## 12. Ecological Information

### 12.1. Aquatic Toxicity

*Fish toxicity:*

*No data available.*

*Daphnia toxicity:*

*No information available.*

*Bacteria toxicity:*

*No data available.*

*Algae toxicity:*

*No information available.*

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### 12.2. Persistency and Degradability

*Biodegradable.*

### 12.3. Bioaccumulation

*Considered unlikely to bioaccumulate.*

### 12.4. Mobility

*Product is water soluble.*

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

*This substance is not classified as PBT (persistent, bioaccumulative, toxic), nor as vPvB (very persistent, very bioaccumulative).*

### 12.6. Endocrine Disrupting Properties

*This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) No. 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.*

### 12.7. Other Adverse Effects

*Water hazard class:*

*1 (German Regulation) (Assessment by list): slightly hazardous.*

*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:*

*Dispose of according to official local regulations.*

*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 / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

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*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*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. Maritime Transport in Bulk according to IMO Instruments

### 14. 8. Further Information

## 15. Regulatory Information

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

*Water hazard class:*

*1, slightly hazardous for water (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Seveso III Directive: not applicable under Directive 2012/18/EC.*

*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

*Listed in the following inventories:*

*REACH (EU; polymer), TSCA (US), AIIC (AUS), DSL (CA), KECI (KR), ENCS/ISHL (JP), PICCS (PH), IECSC (CN), NZIoC (NZ), TECI (TH)*

*OSHA: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200:*

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### *Combustible dust*

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable*

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EU) 2019/1021 - Persistent organic pollutants: not regulated / not applicable*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

*VOC Content: not applicable*

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## 16.      Other Information

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